

**IN A LAND OF CHEAP ENERGY CAN SMALL SCALE
SOLAR THERMAL BE COST COMPETITIVE?
A CANADIAN CASE STUDY**

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DISSERTATION SUBMITTED IN PARTIAL FULFILLMENT OF THE
REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE IN
RENEWABLE ENERGY

SCHOOL OF ENGINEERING AND ENERGY
MURDOCH UNIVERSITY, 2011

AUTHOR'S DECLARATION

I declare that the work in this dissertation was carried out in accordance with the regulations of Murdoch University. The work is original except where indicated by reference in the text and no part of the dissertation has been submitted for any other degree. Any views expressed in the dissertation are those of the author and in no way represent those of Murdoch University. The dissertation has not been presented to any other University for examination either in Australia or overseas.

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ABSTRACT

With rising energy prices and an increased focus on environmental issues, this paper attempts to answer the question of whether solar domestic hot water (SDHW) technology can be an economically viable investment over a twenty year period for the average residential homeowner in Ottawa, Ontario by modelling different payback levels that occur through fuel savings for natural gas and electricity. Natural gas is the primary energy source for hot water heating but is not available in all jurisdictions, particularly rural areas.

Average and high consumption hot water energy demand was determined by analyzing hourly consumption data from eight sites in Ottawa for a period of between twelve and eighteen months. Three energy price forecasts were used with performance and energy savings from a typical SDHW system completed by RETScreen software. Modelling included: A) a baseline condition; B) a carbon tax; C) an increase in the harmonized sales tax (HST); and D) a combination of both. Scenarios B), C), and D) are assumed to reduce demand assuming a price elasticity of demand for electricity of -0.3 and -0.35 for natural gas.

In the absence of government incentives, all natural gas scenarios resulted in poor economic returns due mainly to the low price of natural gas relative to capital. Based on current and projected electricity prices, only the BAU policy scenario, assuming no adjustment in consumption due to rising prices resulted in the SDHW system being economically viable without incentives. Greenhouse gas (GHG) abatement costs are estimated at between \$15 and \$20 per tonne CO₂, per year and \$27 to \$30 per tonne CO₂ per year for natural gas and electricity, respectively and is comparable to current international prices under emissions trading.

ACKNOWLEDGEMENTS

The author would like to acknowledge and thank the following for their help and support: Sustainable Ottawa Community Energy Co-operative, Inc., Natural Resources Canada, and Mr. Adam McHugh (Murdoch University).

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1. Introduction

Thanks to vast reserves of fossil fuels and uranium, and significant hydro-electric facilities, Canada is a net energy exporter (Statistics Canada 2010). The abundance of cheap and plentiful energy has meant that Canada is also one of the world's highest per-capita energy consumers (IEA 2009). Due to historically low electricity prices, relatively high private cost renewable energy (wind, tidal, and solar photovoltaic (PV)) makes up less than 0.3% of the country's overall electricity supply (Statistics Canada 2010) even though there is significant untapped potential.¹ With rising energy prices and increased focus on environmental issues (like greenhouse gases (GHGs) and air pollution), the question is whether or not non-emitting energy sources can make a financial case for increased usage.

At the domestic level, low energy prices have resulted in high personal consumption and it is estimated that the average Canadian consumes as much as 80 litres of hot water per day (OSTF 2008). Natural Resources Canada (NRCan) notes that domestic hot water (DHW) heating is one of the most cost-effective uses of solar energy and systems can function with little maintenance for many years (NRCan 2000). Given the high rate of energy consumption (between 20 and 25% of total home energy costs), solar thermal technology may provide opportunities for Canadian homeowners to reduce fuel and energy expenses.

Canada lags far behind in the installation and usage of solar thermal technologies. In 2008 Canada ranked out of the top ten countries for installed solar thermal capacity even though there is a diverse and active domestic industry dating back to

¹ A recent study identified that in Quebec alone there is more than 100,000 MW of potential wind installations within 25 km of existing transmission lines (GHC 2008).

the mid-1970s and the Canadian solar thermal industry increased revenues (domestic plus export) by 44% from 2007 (REN21 2010, SAIC 2009).

Why then are Canadians not interested in solar thermal technology? Cost likely plays the largest role since according to local installers a typical solar DHW (SDHW) system for a family of four can cost upwards of \$8,500^{2,3} while still requiring a supplementary (or back-up) energy source. Canadian DHW is mainly fuelled by natural gas and electricity with smaller proportions of heating oil, wood and propane (CEUD 2010), and annual residential DHW fuel costs (in \$2008 dollars) range from about \$300-\$400 for natural gas (CNS 2010), and \$450-\$650 for electricity (Manitoba Hydro 2008). With fuel savings estimated at about 60%, the estimated payback (based on current energy prices) is too low for most individuals to commit to renewable energy (RE), especially when all capital costs are incurred immediately and savings extend over a period of decades. However, most payback calculations are consistently conducted on current savings rather than savings based on projected energy prices.

1.1. Purpose & Scope

This paper intends to answer the question: Is solar domestic hot water heating an economically viable technology, considering future Canadian energy prices? The key research questions that will underlie the focus of the paper are:

- Do projected heating fuel prices make solar thermal technology economically desirable to the Canadian consumer?

² Weissflog, C. 2009. Personal communication (email from Weissflog C to Radovan R, dated August 2009)

³ All prices quoted in the paper are in 2009 Canadian dollars (\$CDN), unless otherwise specified.

- Are there potential future policy scenarios (such as taxes and levies) that may affect the economics of SDHW?
- What level of government incentives are required (if any) to support the adoption of solar thermal technology?

The paper will involve an analysis of the effectiveness of SDHW on reducing energy costs for heating fuels typically used in Canada (natural gas and electricity). The paper will determine if a SDHW system installed in 2009 will save enough in fuel costs to recover the original investment by taking into account fuel cost projections and potential policy implications (harmonized tax systems, GHG reduction policies), all of which contribute to the overall cost of energy.

The results of this study will help support policy makers and homeowners by making a case for the actual return on investment that can be achieved by solar thermal technology, specifically in a cold weather country with low energy costs.

Economic viability is herein defined as the estimated savings in energy costs compared to the initial investment over the 20 year system lifetime. The viability assessment will focus on offsetting natural gas and electricity consumption for DHW purposes in Ottawa, Ontario with a baseline year of 2009.⁴

Focussing on a particular region was conducted because local data on energy consumption and solar thermal uptake was available. The results of the study should be comparable to other areas of Ontario (Canada's most populous province) since the majority of the population in the province is concentrated in larger urban centres with similar solar resources. The viability assessment includes modelling

⁴ According to Natural Resources Canada, natural gas (87.5%) and electricity (9.3%) are the dominant energy sources for hot water heating in Ontario (NRCan 2010).

different payback scenarios, based on local fuel consumption and solar insolation.

The scenarios take into account different potential actions that may occur and affect future fuel costs, such as inflation, government policies and carbon taxes.

Additional outcomes of this study include:

- Estimating the annual and lifecycle GHG reductions associated with SDHW;
- Identification of the key drivers and enablers of SDHW in Ottawa;
- Identification of barriers to SDHW adoption; and
- Valuation of government subsidies with respect to their impact on RE deployment.

The study is separated into two parts. The first part involves the analysis of fuel consumption data. SDHW economics are largely influenced by performance and consumption patterns. In order to apply price forecasts and develop savings estimates, fuel consumption for both conventional and SDHW systems are required. The second part of the study focuses on the future cost scenarios that result from the residential consumption estimated in part one. Three different price forecasts are used and the effects of potential (but not formally announced) government policies are also included.

2. Technical & Climatic Conditions

There are technical considerations that must be identified and assessed prior to conducting the economic analyses. Technical issues have a fundamental impact on the performance of solar technology and cover aspects of both supply and demand. The primary consideration in the discussion of SDHW is the supply (or availability) of solar radiation in the region (defined as solar insolation), followed by the energy demand due to residential hot water consumption. An analysis of both of these factors for Ottawa is included and used as the basis for the economic analysis conducted in the second part of the paper.

2.1. Solar Insolation for Canada

The amount of useful solar heat that can be generated is directly related to the amount of sunlight available in the region. Canada is a very large country with some areas, particularly Ottawa, which are particularly well suited to solar energy applications. Figure 1 presents the mean daily global insolation for the country, assuming a south facing, latitude angle tilted surface.

Figure 1 shows that large areas of Canada have (on average) reasonably high insolation values of between 15 and 18 MJ/m². Comparing these values globally shows that Canada and in particular Ottawa are on par with many jurisdictions that already support solar technology and would be considered excellent solar resources. A ranking of selected major worldwide cities (based on yearly PV potential⁵) is provided in Table 1 (NRCan 2006).

⁵ Solar rankings were only published for grid connected solar photovoltaic applications. The comparison can be expanded to include solar thermal as both fundamentally involve the amounts of solar radiation available.

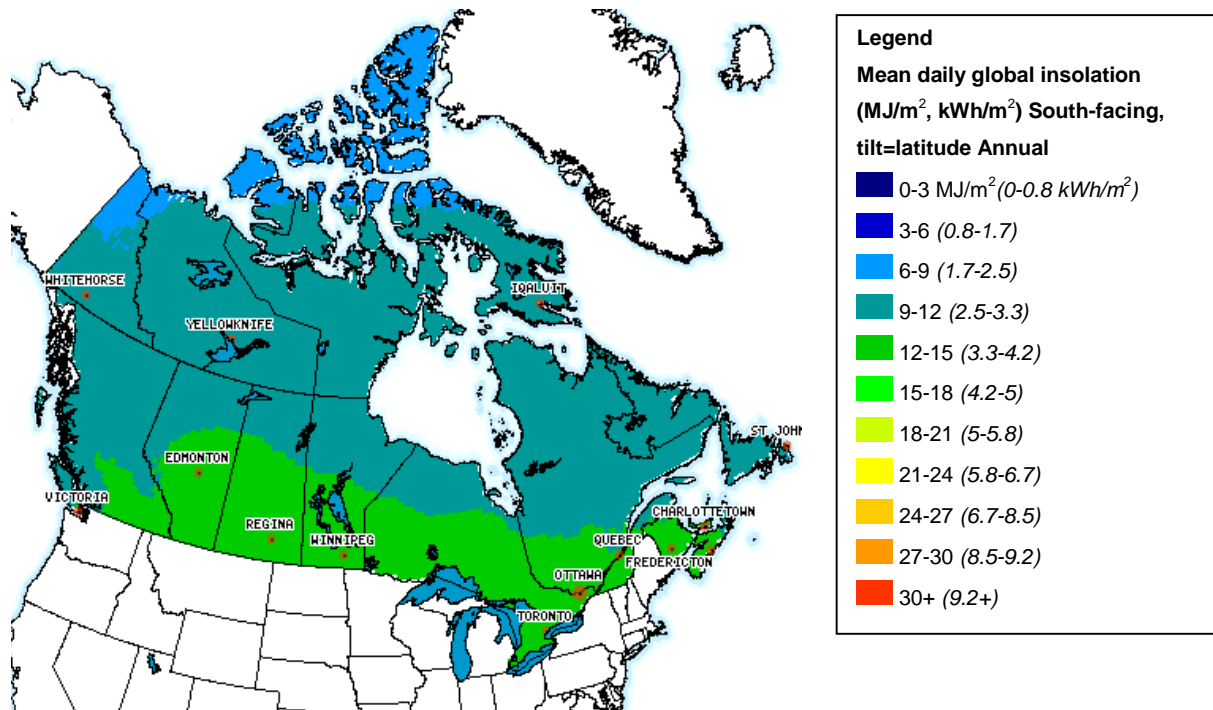


Figure 1: Mean Daily Global Insolation (MJ/m², kWh/m²), Canada (CFS 2007)

Table 1: Yearly PV Potential, Selected Major Cities Worldwide (NRCan 2006)

City	Yearly PV Potential (kWh/kW)
Cairo, Egypt	1,635
Capetown, South Africa	1,538
Los Angeles, U.S.A.	1,485
Sydney, Australia	1,343
Rome, Italy	1,283
Ottawa, Canada	1,198
Washington, D.C., U.S.A.	1,133
Paris, France	938
Tokyo, Japan	885
Berlin, Germany	848

Climate data (such as solar insolation, ambient temperature and rainfall) for Ottawa, Ontario is also available in RETScreen, energy modelling software developed by CanMET Energy at NRCan (www.retscreen.net). The data is based on ground monitoring stations at the Ottawa International Airport and reports that the annual daily *horizontal* solar radiation for that particular site is 3.57 kWh/m²/day. This value is in good agreement with the values presented in Figure 1 confirming that there should be no technical barrier regarding the solar resource in Ottawa, Ontario.

2.2. Domestic Hot Water Heating Requirements

Energy consumption for DHW heating accounts for approximately 20% of a Canadian home's annual energy consumption (CEUD 2010). A number of factors that have an impact on domestic hot water energy consumption have been identified in the literature (see Ladd and Harrison 1985, Bouchelle et al 2000, Lutz et al. 1996, Aguilar et al. 2005) including:

- occupancy rate and characteristics,
- fuel type;
- inlet water temperature,
- household income,
- weekly and seasonal variation, and
- appliance efficiency.

These factors can have a large impact on the overall energy requirements of a household and thus the suitability of SDHW.

Overall average domestic energy consumption at a national level is published by NRCan and provides a general indication of the potential for SDHW savings.

However, there are no specific details published on energy consumption for Ottawa, Ontario. Perlman and Mills (1985) estimate that the daily hot water use for a four person household (two adults, two children) in Toronto, Ontario is 239 litres, but specific energy data is not included. To calculate heating fuel demand independent of hot water consumption, an analysis of more than 16 months of DHW natural gas consumption data from eight local residences was conducted to determine seasonal variation and both average and high energy consumption scenarios.

2.2.1. *Methodology and Data Sources*

Residential DHW natural gas consumption data was provided by the local not-for-profit organization Sustainable Ottawa Community Energy Co-operative Inc. (SOCEC). The SOCEC database was shared with the author by Ruth Bankey, Vice President via e-mail on November 26, 2010 and included hourly natural gas consumption readings at eight households from April 2009 to November 2010 and was collected electronically by Enbridge Gas Inc. (the local gas utility). The SOCEC database was shared freely to support this research but is not published data. The raw data is available in Appendix A.

Natural gas consumption data was recorded hourly in units of m³. The types of monitored DHW appliances included seven conventional heaters and one on-demand system. The monitored households included young families (three and four person households, including children) and retirees (two person households). Specific household demographics for each data set were not provided for confidentiality purposes.

Regression techniques can be applied in these situations to decompose the data into a trend component, a seasonal component and a remainder (or error term). As temperature has an effect on hot water consumption, adjustment for autocorrelation (between daily readings) would be necessary and numerous independent variables would also be required to account for influences on hot water demand (as listed in Section 2.2). Subjective or qualitative variables, such as level of environmental awareness would also be appropriate for the analysis.

However, statistical regression at this level of detail was not an option due to the limited household data availability (such as occupancy, income, etc.) and the short

time frame of data collection (between 12 and 18 months). Simple regression to determine a trend component has the potential to be misleading, as can be seen from Figure 2.

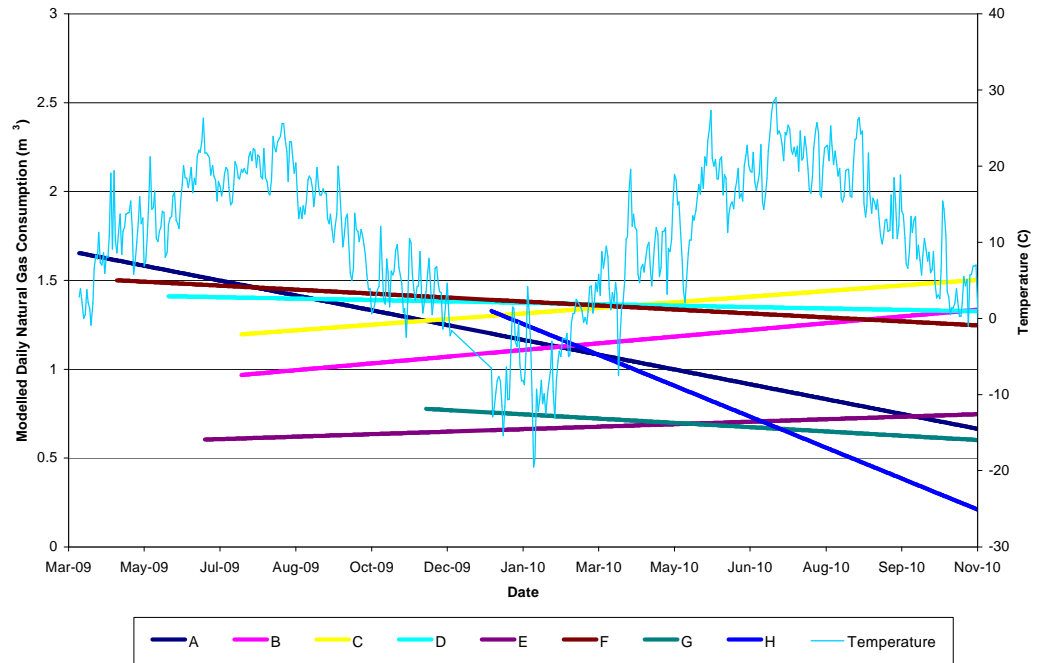


Figure 2: Daily Natural Gas Consumption Trends and Average Daily Temperature (Source: Environment Canada), Eight Sites in Ottawa, Ontario

Figure 2 plots the linear trend (using the LINEST function in Excel) for each monitoring site over the time the readings were collected along with daily average temperature readings from the Ottawa International Airport. More consumption and household data is needed to support a full statistical analysis. The development of a model and the projection of potential future energy consumption such as improvements to the Electric Power Research Institute's (EPRI) hot water demand model (Ladd 1985, Lutz et al. 1996) is outside the scope of this study and can be the subject of future research. Regardless, the analysis contained herein functions as a starting point for further analysis given that research that includes Canadian conditions is limited.

Hourly gas consumption readings for each site were summed to calculate a daily total. An average daily consumption value (per month) was determined by the following equation:

$$\text{AverageDailyConsumption}_{\text{month, n}} = \frac{\sum \text{DailyConsumption}}{\text{\# of days for month, n}}$$

The average daily consumption value (in m³ for each month) was used for the analysis in the following sections. According to Ms. Bankey, Vice-President of SOCEC, raw data was reviewed for outliers and quality by Enbridge prior to release. In an e-mail dated October 29, 2009, between SOCEC and Enbridge, it was reported that some data loggers were not functioning correctly at two installations and they were subsequently replaced. The data from the malfunctioning dataloggers was not included in the analysis.

Monitoring commenced in April 2009 at a single residence, with additional monitoring locations added over time. The final monitoring station was operational in December 2009 (after malfunctioning equipment was replaced). The staggered installation resulted in different monitoring periods being included. Six of the eight residences had more than twelve months of readings, allowing for variability to be reduced for a given month. If the average consumption was calculated based on the entire data set, multiple readings would have had the unintended effect of bias. This potential bias was mitigated by calculating consumption on a per residence basis rather than combining all into one observations into a single observation for each day, allowing for each residence to be equally weighted in the calculations.

2.2.2. *Analysis and Results*

The natural gas consumption database was generally complete for each day at each monitoring site. The largest gap occurs in December 2009, with no data available

from December 7th to December 31st. As a result, the average consumption for the first five days of the months is assumed to be representative for the entire month.

The average and standard deviation (in brackets) of the daily natural gas consumption for each site (A through H) is presented in Table 2. The average daily gas consumption values by month are presented graphically in Figure 3.

Table 2: Daily Natural Gas Consumption for DHW, Eight Sites in Ottawa, Ontario

Site Month	A		B		C		D	
	Avg.	St.Dev.	Avg.	St.Dev.	Avg.	St.Dev.	Avg.	St.Dev.
Jan	1.61	(0.54)	1.95	(0.58)	1.60	(0.74)	2.23	(0.49)
Feb	1.65	(0.43)	1.76	(0.46)	1.49	(0.99)	2.38	(0.47)
Mar	1.80	(0.51)	1.53	(0.53)	1.80	(0.51)	2.09	(0.66)
Apr	1.76	(0.44)	1.40	(0.42)	1.80	(0.57)	1.62	(0.71)
May	1.12	(0.61)	1.28	(0.36)	1.40	(0.46)	0.88	(0.42)
Jun	0.99	(0.44)	1.18	(0.35)	1.27	(0.35)	1.02	(0.47)
Jul	0.80	(0.35)	0.64	(0.29)	1.20	(0.48)	0.70	(0.35)
Aug	0.80	(0.37)	0.73	(0.5)	0.83	(0.46)	0.86	(0.37)
Sep	0.88	(0.44)	0.90	(0.58)	1.05	(0.46)	1.11	(0.4)
Oct	0.97	(0.43)	0.93	(0.42)	1.38	(0.4)	1.43	(0.51)
Nov	1.11	(0.47)	1.36	(0.45)	1.75	(0.5)	1.95	(0.66)
Dec	1.49	(0.56)	1.54	(0.76)	0.90	(0.38)	1.97	(0.13)
Total	1.15	(0.57)	1.16	(0.6)	1.35	(0.62)	1.37	(0.73)

Site Month	E		F		G		H	
	Avg.	St.Dev.	Avg.	St.Dev.	Avg.	St.Dev.	Avg.	St.Dev.
Jan	1.08	(0.42)	1.92	(0.62)	0.73	(0.29)	1.69	(0.6)
Feb	1.13	(0.47)	1.88	(0.65)	0.63	(0.16)	1.48	(0.56)
Mar	1.11	(0.46)	1.76	(0.62)	0.80	(0.23)	1.06	(0.63)
Apr	0.84	(0.31)	1.72	(0.48)	0.62	(0.25)	1.03	(0.5)
May	0.75	(0.34)	1.39	(0.59)	0.88	(0.37)	0.53	(0.45)
Jun	0.52	(0.18)	1.27	(0.34)	0.78	(0.33)	0.39	(0.24)
Jul	0.33	(0.25)	1.04	(0.36)	0.67	(0.37)	0.07	(0.09)
Aug	0.40	(0.26)	1.06	(0.34)	0.68	(0.45)	0.06	(0.12)
Sep	0.44	(0.32)	1.25	(0.31)	0.66	(0.42)	0.53	(0.27)
Oct	0.71	(0.39)	1.29	(0.33)	0.57	(0.37)	0.66	(0.39)
Nov	0.85	(0.38)	1.58	(0.57)	0.52	(0.37)	0.96	(0.46)
Dec	0.85	(0.4)	1.96	(0.43)	0.68	(0.21)	--	--
Total	0.68	(0.44)	1.38	(0.54)	0.68	(0.35)	0.76	(0.66)

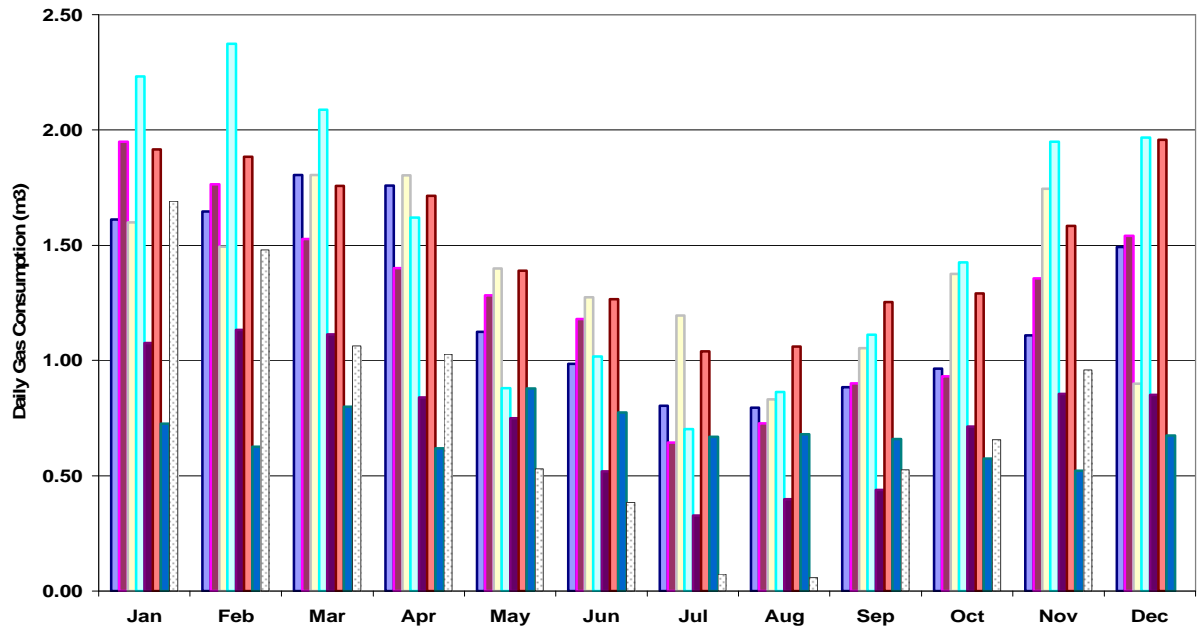


Figure 3: Average Daily Gas Consumption for Hot Water Heating, Eight Sites in Ottawa, Ontario.

A single factor ANOVA analysis using Microsoft Excel (Table 3) was conducted to better understand the variability between the monitoring sites and the data.

Table 3: Single Factor ANOVA Analysis, Monitoring Sites A to H, $\alpha=0.05$

Source of Variation	SS	df	MS	F_{obs}	P-value	F_{crit}
Between Groups	297.137	7	42.448	127.0211	4.8E-168	2.012
Within Groups	1247.502	3733	0.334			
Total	1544.639	3740				

The large F value indicates that the variation between monitoring sites is larger than the variability within a given location, and not surprisingly we can conclude that at least one site is different from the others ($F_{obs} > F_{crit}$). The lack of detail on occupancy rates, characteristics and others described in Section 2.2 for each monitoring location makes further discussion limited but supports the decision to use the average of all sites.

Figure 4 presents the average monthly gas consumption and also illustrates the upper and lower ranges of the average values.

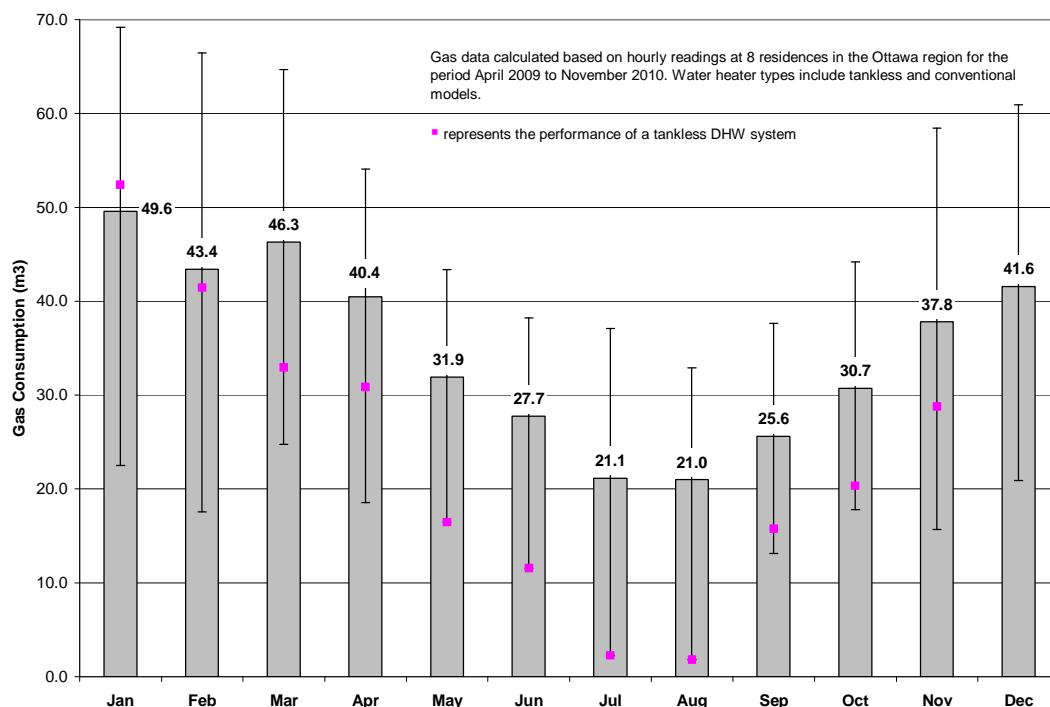


Figure 4: Average Range of Residential Monthly Natural Gas Consumption for Domestic Hot Water Heating, Eight Sites in Ottawa, Ontario

Average monthly gas consumption in the winter months (December to March) was found to be between 41.6 and 49.6 m³. The decrease in consumption seen in February is primarily due to 3 fewer days in the month. In the summer months (June to August), average consumption drops about 50%, to between 21.0 to 27.7 m³. These values are in line with those reported by Bouchelle et al. (2000) and Hart and de Dear (2004) given that colder air temperatures lead to more hot water use (Merrigan and Parker 1990). The main source of potable water in Ottawa, Ontario is the Ottawa River, which has a varying temperature profile due to the local climate. Abrams and Shedd (1996) note that the temperature of the incoming water can have a substantial effect on energy consumption. Considering the Ottawa River,

assuming winter inlet water temperatures are 10°C lower than in summer⁶ (quite likely given the Ottawa climate, see Figure 2), average daily consumption of 239 L requires about 0.36 m³ more natural gas per day⁷ just to make up the difference. Comparing the average monthly consumption in January to July (Figure 4), while removing the effect of the inlet water temperature, the actual difference in consumption is much less and in the range of 10 m³ of natural gas per month. Given that this analysis is focussed on the Ottawa region, this correction is not warranted.

The on-demand system is specifically identified on the figure to illustrate the affect it can have on the average. This is most evident in July and August, when the average consumption of natural gas for the on-demand system is about 2 m³ per month. This results in the average going down by almost 3 m³. It was decided that the data on consumption for the on-demand system was still relevant for calculating the overall average because these types of systems are becoming more popular, and the research may be used to support policy decisions which would need to include different appliance types.

The average daily consumption values for each site vary yet all follow the same seasonal pattern of lower consumption in the summer as the monthly total consumption (Figure 3 and Figure 4).⁸ Surprisingly, the same systems are not consistently the highest consumers of gas all year round. For example the system with the highest average gas consumption from October through March was not the highest between April and September. This suggests that a generic conclusion

⁶ The average water temperature for 2009 was reported as 9.7°C for the City of Ottawa water treatment plant located on the Ottawa River. Measured temperature data over the year was unavailable (City of Ottawa 2009).

⁷ Heat capacity of water assumed to be 4.2 kJ/kg °C; density 1 kg/L; 65% average DHW efficiency

⁸ The on-demand system is presented as the last bar in each grouping. No data for this system was available for December.

cannot be made about occupancy rates, consumption patterns, household demographics or system efficiency. More importantly, it supports the averaging of the fuel consumption from all seven similar DHW systems to reduce the impact of the previously mentioned factors. The lone on-demand system complicates the analysis as many of the parameters are different, yet again. It is assumed that although technically different, for the purposes of this analysis the on-demand system represents a low energy consumer. It is also assumed that the climatic impacts (severity of winter and summer heat) are equal across all eight monitoring sites.

The average and highest value monthly gas consumption was summed to calculate a total annual gas consumption value for two types of Ottawa residences (average and high energy users). Average consumption by month was also tabulated for use in the economic analysis (see Table 4).

Table 4: Monthly Natural Gas Consumption for Hot Water Heating (m³), April 2009 to November 2010.

Month	Natural Gas Consumption (m ³)		
	Average Conditions	High Consumption Conditions	Difference (%)
January	49.59	69.20	40%
February	43.41	66.50	53%
March	46.33	64.70	40%
April	40.44	54.10	34%
May	31.90	43.35	36%
June	27.75	38.20	38%
July	21.14	37.09	75%
August	20.98	32.88	57%
September	25.61	37.63	47%
October	30.74	44.20	44%
November	37.80	58.47	55%
December	41.55	60.97	47%
Estimated Annual Consumption	417	607	46%

Although the energy consumption data is strictly limited to natural gas fired DHW appliances, an estimate can be made as to the energy requirements of electric DHW systems by applying the seasonal efficiency. RETScreen assumes an electric DHW system is 100% efficient while a conventional natural gas system is between 65% and 75% efficient. Therefore, the average natural gas consumption can be converted into an energy demand and then recalculated into an equivalent electrical demand (in kWh), taking into account the differences in efficiency (Equation 1). The results of the calculation are provided in Table 5.

$$ElectricalDemand = V_{nat.gas} * \frac{\eta_{nat.gas}}{\eta_{electricity}} * U_{nat.gas} * \frac{5}{18}$$

Equation 1: Conversion of natural gas consumption to electrical demand

Where:

- V is the volume of natural gas (m^3)
- η is the seasonal efficiency of the DHW system, assumed to be 65% for natural gas and 100% for electricity⁹;
- U is the energy content of natural gas, 37.69 MJ/ m^3 (Enbridge Gas 2010)
- $\frac{5}{18}$ is the ratio of kWh to MJ

Table 5: Estimated Average Electricity Consumption for Hot Water Heating (kWh), by month, Ottawa, Ontario.

Month	Approximate Electrical Consumption (kWh)	
	Average Consumption Conditions	High Consumption Conditions
January	337.5	470.9
February	295.4	452.5
March	315.3	440.3
April	275.2	368.2
May	217.1	295.0
June	188.8	256.0
July	143.9	252.4

⁹ Seasonal efficiencies were obtained from RETScreen software.

August	142.74	223.7
September	174.28	256.0
October	209.22	300.8
November	257.20	397.9
December	282.79	414.9
Total Estimated Annual Consumption	2839	4133

Fuel consumption data was also compared to estimates provided by the solar heating module of RETScreen (see Section 2.3 for further details on system modelling). The software provides a number of default values, including daily hot water use of 60L/person/day. A base case scenario was selected that included the following key characteristics:

- Detached House
- 4 occupants with a 100% occupancy rate
- Daily hot water use of 240L/d
- Desired temperature: 60°C

These settings resulted in an estimated annual natural gas consumption of 816 m³ and an annual electrical consumption of 5,600 kWh. These values were much higher than those calculated via the monitoring program. To compensate, the estimated daily hot water use in RETScreen was changed using the built in goal-seek functionality to equal the monitoring data value. This resulted in an estimated hot water consumption of 123 L/d and 179 L/d, for the average and high consumption scenarios. The results of this analysis suggests that the average occupancy of the monitored locations is around 2 to 3 individuals, similar to the 239 L for 2 adults and 2 children reported by Perlman et al. (1985), or the use of hot

water in the region is much less due to lower consumption or higher efficiencies¹⁰ or other subjective factors like environmental awareness.

In Ontario, electricity rates are moving to time-of-use (TOU) billing. To take this pricing into account, hot water heating demand was calculated for 'On-peak', 'Off-peak' and 'Mid-peak' times assuming the same hot water usage pattern was applicable to electricity users as natural gas users. Between May and October (Summer), 'On-peak' is defined as the time period between 11:00am to 5:00pm, 'Off-peak' the period between 9:00pm and 6:00am and 'Mid-peak' the remaining periods (both morning and evening). Between November and April (Winter), the Summer 'On-peak' and 'Mid-peak' periods switch. To simplify the discussion, for the purpose of this analysis, the Summer TOU period definitions are retained and weekends (all 'Off-peak' periods) are treated as weekdays. Treating all weekends as weekday 'On-peak' periods results in an overestimation of the total costs, but has been used to simplify the analysis, given that the average daily energy consumption values do not distinguish between weekday and weekend¹¹.

Average gas consumption was calculated on an hourly basis for each site and grouped by month. The average for each hour was then summed to calculate the total demand for each TOU period. Percentage of consumption for each period was also calculated to reflect usage patterns. Figure 5 illustrates the average consumption for the eight sites on a monthly basis, divided into the 'On-peak', 'Off-peak' and 'Mid-peak' TOU periods (based on the Summer definition).

¹⁰ NRCan notes that residential energy efficiency has increased significantly since 1990 (CEUD 2010) and it is likely that the lower consumption is a combination of factors.

¹¹ Detailed analysis is left for future research as many other factors could also be investigated in greater detail, including gas consumption on weekdays and weekends.

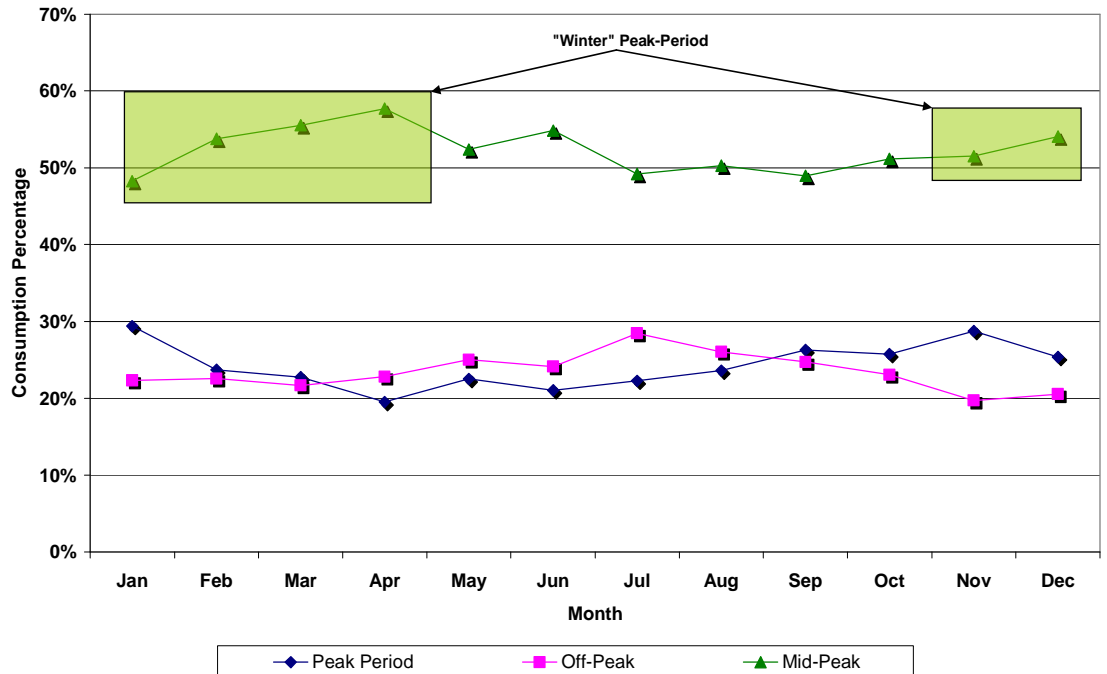


Figure 5: Time-of-Use Hot Water Heating Demand By Month, Average of Eight Sites in Ottawa, Ontario, April 2009 to November 2010 (Summer TOU Period Definition).

For cost and pricing purposes, the switch in TOU terminology for the Winter period shows that electric hot water costs will be highest in the winter due to the fact that hot water is used mostly in the morning and evening rather than during the middle of the day or overnight.

A comparison of TOU period consumption for site D to other locations results in a number of interesting observations. In five of twelve months, the highest average hot water demand occurred during the 'On-peak' period. For the remaining seven sites, this occurred only three times in total and never more than once per site.

These monitoring results are assumed to be consistent with what would be assumed in the general population, due likely to occupancy rates. In addition, it is assumed that the daily consumption pattern is similar for both the average and high water consumption conditions.

The estimated daily electricity consumption based on TOU periods (on a percentage basis) developed from the data is presented in Table 6.

Table 6: Electricity Consumption for Hot Water Heating, Daily Breakdown (%) By Time-of-Use Period

TOU Period	Summer (May to October)	Winter (November to April)
On-peak	24%	53%
Mid-peak	51%	25%
Off-peak	25%	22%

The TOU analysis shows that ‘On-peak’ and ‘Mid-peak’ Period consumption makes up the majority of energy demand for hot water heating, depending on the season. The average demand data presented in Table 6 is used in the economic analysis to calculate the total annual electrical energy costs although due to the assumption that weekends are equivalent to weekdays (with respect to TOU billing) the estimated costs are expected to be slightly higher. Consumption tends to be higher on weekends due to greater occupancy (Bouchelle et al. 2000) however the monitoring data showed little change in consumption between weekday and weekend. The overall average weekday and weekend consumption (across all eight sites) was 1.1 m³. Average weekday consumption (for the year) showed very little change across the 8 sites, with 7 having an average of 1.1 m³ and the other having an average of 1.2 m³. Weekend averages showed greater spread, from 0.7 m³ to 1.4 m³.

The time of day consumption shown in the data indicates that early morning hygiene and evening cooking/cleaning tend to be the dominant drivers of hot water demand. Given that there is such a strong correlation between time of day and consumption, the impact of blending weekends and weekdays is considered low, and the effects will be applied to both the conventional and SDHW scenarios.

2.3. SDHW Modelling and Performance

SDHW system performance was estimated with the use of RETScreen. In the RETScreen software package, key variables for the SDHW system modelling include:

- Location of project and source of atmospheric data;
- SDHW system manufacturer and model; and
- SDHW system orientation.

Solar insolation, ambient temperatures and meteorological data from the Ottawa International Airport was included in the RETScreen database and was selected as the source of atmospheric data for the SDHW system performance modelling.

Data on popular system types, makes and models installed in the Ottawa region between 2008 and 2010 was obtained from SOCEC. Installation details for 117 locally installed SDHW systems were included in the SOCEC database provided by Ms. Bankey of SOCEC via e-mail on November 26, 2010. The most popular system installed in the region was a two panel flat plate system manufactured by Enerworks Inc. The RETScreen software included system details on the Enerworks system allowing straightforward modelling of energy output.

Review of the SOCEC database showed that four different types of systems were installed. The viability analysis selected the most common system configuration as the basis for comparison. When the number of 2-panel systems installed is added to the other Enerworks configurations, this technology was dominant in the database (75%) and as such the selection of another technology for comparison would be misleading when discussing the results in a local context.

Orientation has a significant impact on the final energy output. It was assumed that the optimum orientation would be applicable as a best case scenario. Therefore the SDHW system orientation entered into the RETScreen model was assumed to be south facing, at latitude angle (45°N for Ottawa). This orientation is similar to that used for the solar map presented in Figure 1.

3. Viability Assessment & Modelling

The viability assessment involved the projection of future fuel costs based on energy consumption for hot water heating determined for the Ottawa area in Section 2.2.

The impact of the following potential scenarios was included in the modelling:

- Natural gas and electricity price forecasts (to 2030);
- Imposition of carbon taxes, and
- Increases in consumption taxes.

The modelling also included combinations of factors since all three options are likely and each can have an impact either alone or in combination.¹²

3.1. Methodology and Data Sources

3.1.1. Natural Gas

Natural gas price forecasts were obtained from two sources: NRCan (Forecast #1) and the U.S. Energy Information Administration (EIA) (Forecast #2). The NRCan price forecast (Figure 6) contains projections from 5 different sources and a consensus forecast.¹³ It is assumed that the consensus forecast is the most likely. The price outlook for natural gas from the EIA (Figure 7) was obtained from the Annual Energy Outlook 2010 (EIA 2009). Both sets of forecasts provided information on the projected spot price (in nominal prices) of natural gas at the

¹² Carbon taxes are generally applied at the wholesale level except for natural gas which is collected at the retail level. The implications on electricity generation are beyond the scope of this study and are assumed to be zero for the analysis due to Ontario's plan to close all coal-fired generating stations by 2014.

¹³ Cowan, D. 2010. Personal communication (email from Cowan D to Radovan R, dated November 12, 2010). Petroleum Resources Branch, Natural Resources Canada.

Henry Hub¹⁴ which is on a US\$/mmBTU basis. The integrated Canadian:U.S. natural gas market is such that the Henry Hub price is reflected in Canadian gas prices. As such, it was necessary to assume a conversion rate from US to Canadian dollars and a rate of inflation to calculate the present value. The assumed conversion rate was \$1.14CDN:\$1US and based on rates in 2009 (BoC 2009). The target core inflation rate (based on the Consumer Price Index (CPI) of the Bank of Canada) is 2%.

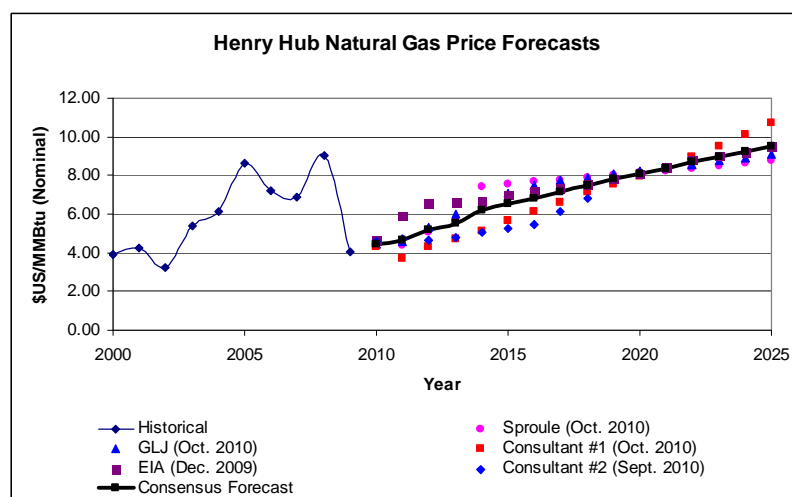


Figure 6: Consensus Henry Hub Natural Gas Price Forecast 2010 to 2025, \$US/mmBTU (Nominal) (Source: Natural Resources Canada)

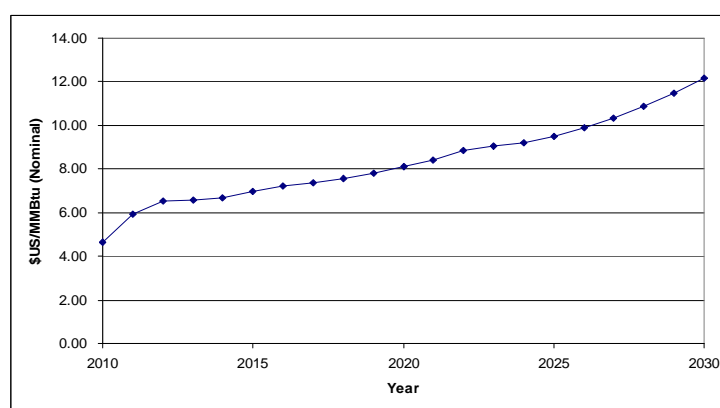


Figure 7: U.S. EIA Henry Hub Natural Gas Price Forecast, 2010 to 2030, \$US/mmBTU (Nominal) (Source: EIA 2010)

¹⁴ The Henry Hub is the official delivery mechanism for the New York Mercantile Exchange (NYMEX) and the centralized point for natural gas futures trading in the U.S. (Sabine Pipeline LLC).

Table 7 summarizes the annual nominal price changes from the forecasts and used in calculating projected fuel costs and savings.

Table 7: Annual Forecasted Price Change, Natural Gas and Electricity

Year	Nominal			\$2009 (assuming average 2% annual inflation)		
	Natural Gas		Electricity	Natural Gas		Electricity
	NRCan	EIA		NRCan	EIA	
2010	8.2%	27.8%	12.3%	6.1%	25.3%	11.8%
2011	14.1%	10.2%	8.8%	11.9%	8.0%	7.5%
2012	8.6%	1.0%	8.8%	6.4%	-0.9%	7.5%
2013	7.0%	1.0%	11.6%	4.9%	-1.0%	10.9%
2014	6.6%	4.8%	3.1%	4.5%	2.7%	1.2%
2015	5.4%	3.5%	3.0%	3.3%	1.5%	1.1%
2016	3.6%	2.0%	2.9%	1.6%	0.0%	1.0%
2017	5.6%	2.6%	2.9%	3.6%	0.6%	0.9%
2018	3.3%	3.0%	7.9%	1.3%	1.0%	6.4%
2019	3.2%	4.1%	-1.1%	1.2%	2.0%	-3.0%
2020	3.1%	3.7%	8.3%	1.1%	1.6%	6.9%
2021	3.0%	5.1%	2.4%	1.0%	3.0%	0.4%
2022	5.9%	2.6%	4.5%	3.8%	0.6%	2.7%
2023	2.8%	1.5%	-2.3%	0.8%	-0.5%	-4.2%
2024	5.4%	3.2%	0.0%	3.3%	1.2%	-2.0%
2025	2.6%	4.4%	0.9%	0.6%	2.4%	-1.0%
2026	2.5%	4.1%	-2.4%	0.5%	2.1%	-4.2%
2027	4.9%	5.5%	1.4%	2.8%	3.4%	-0.6%
2028	2.3%	5.5%	0.9%	0.3%	3.4%	-1.0%
2029	2.3%	5.8%	1.4%	0.3%	3.8%	-0.6%

In addition to gas supply charges (the market price excluding inflation identified in the price forecast), additional charges based on m³ of natural gas consumption contribute to an overall residential natural gas bill. For Ontario consumers, these include administrative charges (exclusive of gas consumption), the delivery, transmission and storage charges (delivery), and harmonized sales tax (HST) (OEB 2011). The HST in Ontario combines the provincial sales tax (PST) and federal goods and services tax (GST) and in 2009 was 13%.

The cost projection methodology involved calculating the total price per m³ of natural gas delivered (after-tax) in 2009. The forecasted price (in nominal dollars) was then

determined by using the forecasted rate of change (Table 7) and applying it on an annual basis. Demand reduction (due to the elasticity of demand) was also taken into account (see Section 3.3 for more detail). This method was applied for each consecutive year until 2029 and assumes that the annual forecasted price increase is also applicable to the delivery and transportation charges as a whole.

3.1.2. Electricity

Forecasted electricity rates were obtained from the document “Long Term Energy Plan” (LTEP), published by the Ontario Ministry of Energy (2010). The LTEP includes a 20 year price forecast for residential monthly electricity rates (including all applicable fees). The LTEP forecast estimates that the average residential electrical bill will double over that period. The price projections in both nominal and real 2009 dollars (assuming a 2% interest rate) are presented in Figure 8 (copied from the LTEP) and the approximate annual change is presented in Table 7.

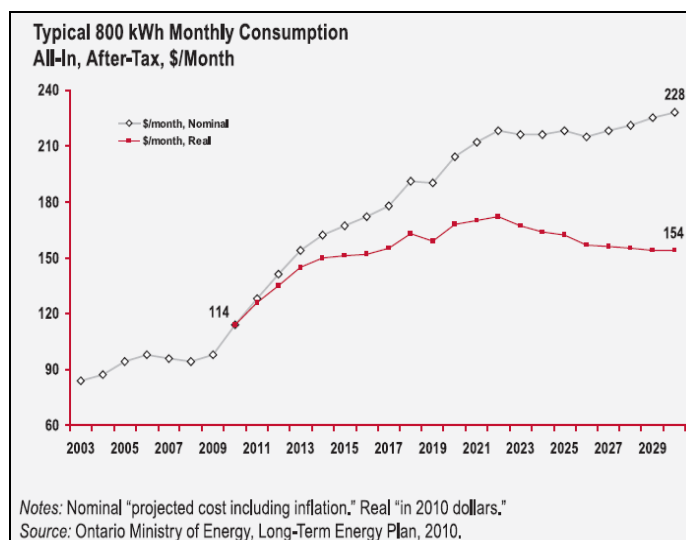


Figure 8: Projected Residential Monthly Electricity Bill Projections, (Source: Ontario Ministry of Energy 2010)

The LTEP also includes an estimated breakdown of residential electricity use for TOU pricing with average monthly consumption of 800 kWh. The conversion of

energy demand from the conventional natural gas hot water system to electricity (Section 2.2) resulted in an estimated average monthly consumption of 237 kWh of electricity for hot water heating (344 kWh for the high consumption scenario), or about 30% of the average electrical demand (and 43% for the high consumption scenario).¹⁵

Figure 9 presents the TOU breakdown used in the pricing calculations for the scenario modelling provided by the OEB (2010).

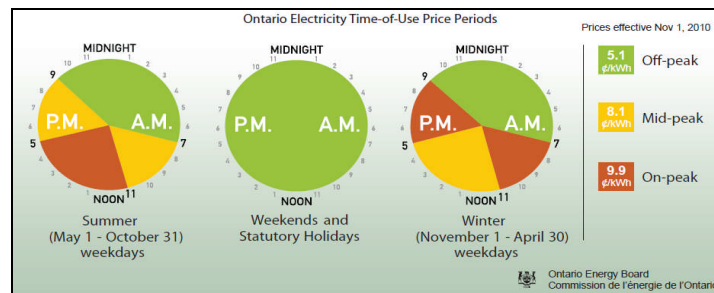


Figure 9: Ontario Time-Of-Use Price Periods (Source: OEB 2010)

The LTEP TOU breakdown for the typical month was as follows: ‘On-peak’ 22%, ‘Off-peak’ 47%, and ‘Mid-peak’ 31%. The LTEP breakdown is intended to reflect overall electricity consumption and not just hot water demand. The TOU demand calculations developed in Section 2.2.2 differ primarily in the ‘Off-peak’ and ‘Mid-peak’ periods and thus were used as the basis for the economic modelling due to their applicability to hot water heating.

In addition to electricity charges, additional charges also contribute to the overall residential electricity bill. For Ontario consumers, these include transmission and delivery charges, regulatory charges, low voltage service charges, debt retirement charges and HST (Hydro Ottawa 2010). The prices are regulated by the OEB and based on kWh consumption and are current as of November 2010. The forecast

¹⁵ The 30% value is significantly different than the estimate of 20% reported by NRCan (CEUD, 2010).

prices illustrated in Figure 8 from the LTEP include these additional charges. A monthly billing fee is also usually included, however it was excluded from the overall assessment since it is the charge for sending the bill to the residence. Any decreases in consumption will have no impact on this monthly fee.

The LTEP price forecast presents the total, after-tax residential bill. The methodology to determine annual water heating costs required calculating the annual % change (nominal dollars) in the total bill from Figure 8 and applying that increase to the portion calculated as electricity for hot water heating. \$2009 were determined by deflating the future price assuming core inflation of 2%. The methodology is similar to that used for the natural gas scenario. The specific breakdown regarding proposed increases to TOU rates and other charges was unavailable.

3.2. SDHW Costs and Incentives

The final installed price of a SDHW system depends on a number of factors such as type of technology, type of installation (flat vs. sloped roof), system size and manufacturer. Installed prices for SDHW systems in the Ottawa region were provided by SOCEC and ranged from a low of \$5,600 to over \$18,000 (for a large scale residential system). The average installed price of an Enerworks 2-panel system (the most popular and used in the modelling) was \$8,500.

Between 2008 and 2010 costs for SDHW systems in the Ottawa area were offset by a number of incentive programs. These included a federal home renovation incentive program managed by NRCan to increase residential efficiency (ecoEnergy Retrofit), a provincial program that matched the federal program, a local incentive offered by SOCEC, and for a limited time, a provincial sales tax (PST) rebate for

solar systems (Ontario Ministry of Revenue). The ecoEnergy Retrofit incentives changed between 2008 and 2010, rising from \$250 to \$1,250 in 2009. However, a minimum thermal contribution was put in place. The increased support was matched at the provincial level. The \$1,200 SOCEC incentive was provided to individuals in the local area and only available for specific types of systems. The PST rebate returned the 8% tax paid on eligible system components and ended on January 1, 2010.

The total value of incentives available in 2009 (the base year for the analysis) for an individual in the Ottawa area is $\$1,250 + \$1,250 + \$1,200 + (8\% \text{ of system price}^{16}) = \$4,300$.

3.3. Analysis & Results

The analysis for each energy source (natural gas and electricity) is presented separately. Regular maintenance of the SDHW system is not included in the calculations. The estimated maintenance routine involves a heat transfer fluid replacement every 3 to 4 years at a cost of approximately \$200 per event. Most conventional hot water systems are rented and the rental price (approximately \$300 per year and \$0 maintenance costs) is also not included in the costs calculation since the conventional system is still required in the residence.

A total of four scenarios were modelled and applied to each price forecast discussed in section 3.1. The scenarios applied to the price forecasts were:

- A. Business as usual (a baseline with forecasted price increases only)
- B. Carbon tax

¹⁶ Average installed system price assumed to be \$8,500, based on installation details provided by SOCEC.

- C. HST Increase
- D. All three conditions simultaneously

Scenario A is the business as usual (BAU) scenario and serves as a baseline for comparison. It is assumed that the BAU case will not cause a change in hot water consumption and explicitly ignores the price elasticity of demand for energy.

The carbon tax (Scenario B) is assumed to be applied in 2013 (year 4), starting at \$10 per tonne of carbon dioxide equivalent (CO₂e) and increasing at \$10 per year to a max of \$50 per tonne of CO₂e in 2017 (in nominal dollars). The \$50 carbon tax would be maintained for the duration of the scenario. Currently British Columbia (BC) is the only Canadian jurisdiction with a carbon tax which was implemented in 2008 and began at \$10/tonne CO₂e, rising to \$30 by 2012. The modelled carbon tax rate is higher than BC's and reflects more recent calls for the necessity of higher carbon taxes to reduce CO₂ emissions.¹⁷ The carbon tax will affect consumers and should reduce annual hot water consumption. Many studies have reviewed the price elasticity of demand for energy, in particular electricity and natural gas (see EPRI 2008, Narayan et al. 2007, Bernard et al. 2011, and Bernstein and Griffin 2006). The literature is consistent in that the relationship at the residential level between demand and price is small and that there has not been any significant change since the 1980s (Bernstein and Griffin 2006). Based on the literature, the long-run residential elasticity figures used for the analysis are -0.3 for electricity (ESRI 2008) and -0.35 for natural gas (Middle Atlantic region from Bernstein and Griffin 2006). The impact of reduced demand on market price is assumed negligible for this analysis as the relationship between price and demand is relatively inelastic and

¹⁷ Frank Jotzo, 2011, Carbon pricing that builds consensus and reduces Australia's emissions: Managing uncertainties using a rising fixed price evolving to emissions trading, CCEP working paper 1104, Centre for Climate Economics and Policy, Crawford School of Economics and Government, The Australian National University, Canberra.

overall quantities are relatively small. For the electricity analysis, there will be no direct tax at the residential level but more efficient use of energy and hot water is assumed as a side benefit of the policy instrument.

The HST increase (Scenario C) is another form of taxation available to the federal and provincial governments. As a consumption tax, the cost is paid only on the dollar amount of the fuel consumed. The current HST rate in Ontario is 13%. The scenario estimates that a 2% increase in HST (from 13% to 15%) occurs in 2013 and is maintained for the duration of the modelling. The GST (one of two taxes that make up the HST) was decreased from 7% in 2006 to 5% in 2008. An increase in the HST to 15% would return the consumption tax back to levels observed earlier in the decade. The elasticities of demand described for the carbon tax (B) scenario are applied.

The final scenario combines all three previous factors. With governments around the world trying to balance CO₂ reduction targets with mounting debt, it is possible that a scenario where all three conditions simultaneously may occur. As such this scenario reflects the upper end of potential fuel costs to the residential consumer. It is assumed that the combination of factors will reduce annual hot water consumption based on the same elasticities of demand described previously.

It is possible that residential DHW is more price inelastic than used in this study however a sensitivity analysis is outside the scope of the work. Given the main uses for hot water (hygiene, cooking), conservation measures may be limited (for example, shorter showers) resulting in household expenditures being reduced in other areas (like space heating, entertainment) which may be more easily attainable. Research in this sector is lacking and could be the focus of future study.

3.3.1. Natural Gas

A total of seventeen scenarios were modelled to determine overall savings from 2009 to 2029. Two long term natural gas price forecasts were used as the basis for four different scenarios (one BAU and three policy options) under average and high hot water consumption conditions. Each of these sixteen scenarios assumes that the system is purchased in the first year. A final scenario was evaluated to estimate whether the investment in SDHW is comparable to returns expected from stock market investment (that is, a medium to high risk investment returning an average of 7% per annum over a long period of time).

In order to determine annual savings, the monthly contribution to hot water supply was determined by using RETScreen. Local climatic conditions and hot water demand figures (collected as part of Section 2.2) were used to estimate the amounts of natural gas consumed per month by the conventional DHW appliance. As discussed in Section 2.2.2 and presented in Figure 3, monthly natural gas consumption is highest in the winter months and lowest in the summer but for the SDHW system, the opposite is true. The scenario modelling required that both of these contrasting factors be incorporated in the calculation of estimated annual savings.

To determine fuel savings for an Enerworks 2-panel system, the hot water demand calculated based on RETScreen results in Section 2.2.2 (123L/d and 179L/d) was used and overall fuel consumption savings were determined, taking into account price elasticity (-0.35 for natural gas). The annual energy demand was calculated for each of the applicable scenarios through the following equation:

$$\text{Demand}_{t+1} = \text{Demand}_t - \left[\frac{(\text{GasPrice}_{t+1} - \text{GasPrice}_t)}{\text{GasPrice}_t} * |\text{Elasticity}| * \text{Demand}_t \right]$$

Where:

- *y is the year*
- *Demand is the natural gas consumption for hot water heating*
- *Elasticity is the absolute value of the elasticity of demand (0.35)*
- *GasPrice is the projected natural gas price for year including taxes, as applicable for each scenario*

The decreased energy demand was equated to a reduction in hot water usage. A goal-seek process was used in RETScreen to determine the equivalent reduction in hot water demand for each energy value. This new hot water consumption value was then used to model the solar contribution and resulting SDHW based energy consumption (in m³). Overall gas consumption over the 20 year study period based on RETScreen outputs for conventional and SDHW systems is presented in Table 8 for the average and high water demand conditions.¹⁸

Table 8: Estimated 20 Year Total Natural Gas Consumption (Average and High demand conditions) for Scenarios A, B, C and D (RETScreen).

Scenario	Estimated Total 20 Year Natural Gas Consumption (m ³) (SDHW in brackets)			
	NRCan - Forecast 1		U.S. EIA - Forecast 2	
	Average	High	Average	High
A – BAU	8,340 (2,130)	12,146 (4,691)	8,340 (2,130)	12,146 (4,691)
B – Carbon Tax	7,159 (1,471)	10,175 (3,277)	7,171 (1,467)	10,185 (3,278)
C – HST Increase	7,212 (1,565)	10,503 (3,497)	7,230 (1,569)	10,529 (3,513)
D – Combination	7,116 (1,452)	10,113 (3,238)	7,125 (1,448)	10,115 (3,231)

The price elasticity of demand has an interesting impact on the SDHW system gas consumption. The annual natural gas consumption for the SDHW system scenarios between 2009 and 2028 is presented in Figure 10.

¹⁸ The SDHW system requires the supplemental system to continue to operate but reduces the overall gas consumption.

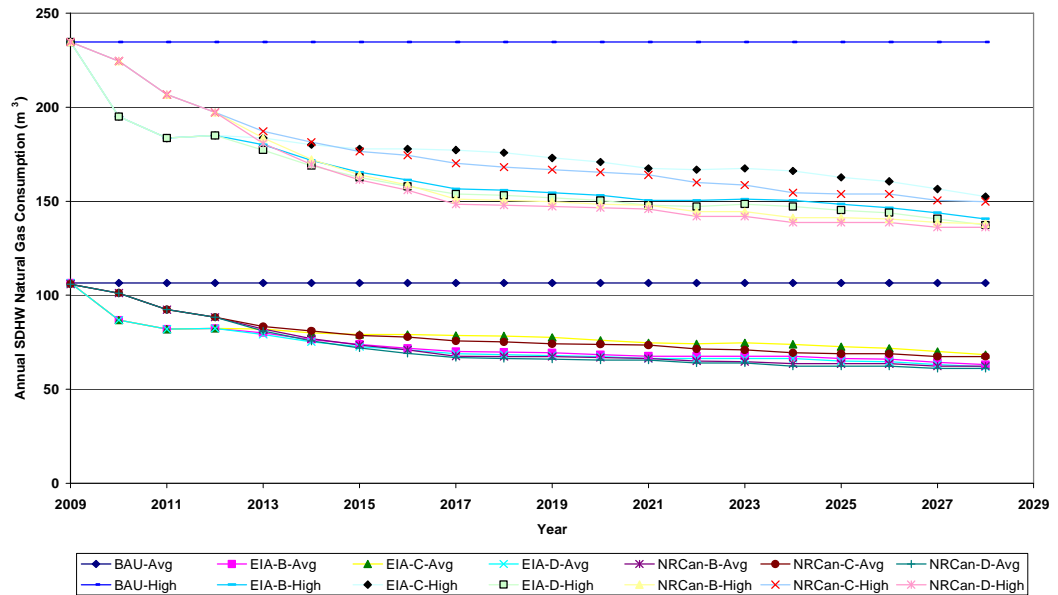


Figure 10: 2009 to 2028 Annual Natural Gas Consumption for SDHW system (RETScreen), Scenarios A,B,C,D for Average and High Consumption Conditions

For average hot water consumption conditions and both forecasts, Figure 10 shows that with a SDHW system, annual natural gas consumption decreases by between 14 and 20 m³ between 2013 and 2028 for the different scenarios (B, C and D) due to price increases. The high hot water consumption conditions exhibit a similar trend, but with more spread between the scenarios and forecasts.

The results of the economic scenario modelling are provided in Table 9. Totals calculated by year, scenario and forecast are available in Appendix B. The total savings were calculated both on a nominal basis and a \$2009 value¹⁹. Both values are presented in the table for comparison with \$2009 presented in brackets. Bold values indicate the maximum savings achieved for each price forecast (in both nominal and current dollars).

¹⁹ Future values were discounted to \$2009 using a 2% discount rate.

Table 9: Estimated 20 Year Natural Gas Fuel Savings, Average and High demand conditions, Scenarios A, B, C and D (RETScreen), Nominal and \$2009 Dollars

Scenario	Estimated Total Savings, 20 year, Nominal and (\$2009) Dollars			
	NRCAN - Forecast 1		U.S. EIA - Forecast 2	
	Average	High	Average	High
A – BAU	\$3,856 (\$3,123)	\$4,629 (\$3,749)	\$3,683 (\$2,999)	\$4,421 (\$3,600)
B – Carbon Tax	\$3,732 (\$3,028)	\$4,692 (\$3,800)	\$3,251 (\$2,658)	\$4,075 (\$3,327)
C – HST Increase	\$3,523 (\$2,864)	\$4,388 (\$3,562)	\$3,388 (\$2,765)	\$4,207 (\$3,431)
D – Combination	\$3,765 (\$3,054)	\$4,740 (\$3,838)	\$3,603 (\$2,929)	\$4,724 (\$3,865)

The highest cumulative savings for average hot water consumption conditions were observed under the BAU scenario (A) for both the NRCAN and EIA forecasts. However, under high hot water consumption conditions the highest cumulative savings for both forecasts is observed under the Combination scenario (D). Given the approximately \$4,300 in incentives available in 2009 and the average installed cost of a two panel Enerworks system (\$8,500), the economic viability of SDHW (dollars saved over system lifetime in relation to system cost) depends on the scenario and conditions. No scenarios provide net savings in excess of the system cost (including incentives) under average hot water consumption conditions. Under high hot water consumption conditions, all scenarios except Forecast 2, Scenario B provide a net savings (including incentives) if nominal dollars are the basis but none provide a net savings when deflated to \$2009.

If the analysis is conducted in the absence of government incentives, none of the scenarios provide an economic case for investment as the installed system costs are higher than the projected savings (in both nominal and \$2009) over the life of the system (20 years). To determine the natural gas price that would result in savings equal to the system cost without subsidies, an iterative process was used whereby the initial natural gas price was changed and the final savings (in \$2009) were calculated. The results are provided in Table 10.

Table 10: Estimated Henry Hub Natural Gas Price (\$US/mmBTU) required for economic viability without government incentives

Scenario	Estimated 2009 Henry Hub Natural Gas Price (\$US/mmBTU)			
	NRCan - Forecast 1		U.S. EIA - Forecast 2	
	Average	High	Average	High
A – BAU	\$16.46	\$13.15	\$17.27	\$13.84
B – Carbon Tax	\$17.67	\$13.26	\$19.14	\$14.62
C – HST Increase	\$18.24	\$14.02	\$19.01	\$14.68
D – Combination	\$17.46	\$13.08	\$18.42	\$12.98

The values in Table 10 identify the estimated natural gas price in 2009, assuming the same rate of inflation, exchange rate and annual increase in prices used in the price forecast calculations. This estimate is highly approximate as the North American natural gas price is in \$US, and the exchange rate has been held constant. The 2010 and 2011 appreciation of the \$CDN compared to the \$US is not reflected in the calculations. It is assumed that a higher starting natural gas price would lower demand over the long term and as such these values are meant as an indicator. The estimated price for natural gas ranges from a low of \$12.98 to a high of \$19.14 (\$US/mmBTU). Figure 6 shows that historically, prices have not come close to the lower end of this range. Given that the calculations were conducted in the absence of incentives, SDHW may be economically justified at lower prices, for example, those observed between 2005 and 2008, if incentives were included. A detailed analysis is beyond the scope of this report.

A final (seventeenth) scenario was conducted to determine if SDHW could provide a reasonable return on investment (ROI) over the long term when compared to a medium/high risk investment in the stock market. The analysis was simplified to present a high level snapshot. The key parameters for the ROI assessment are as follows:

- System cost: \$8,500 minus incentives of \$4,300 (as per Section 3.2)
- System downpayment: \$2,000

- Loan amount: \$2,200
- Terms of loan: 5 years @ 6.5% annual interest rate
- Annual stock market return (over 20 years): 6%
- Rate of inflation: 2%

The BAU Scenario (A), price forecast 1 and high water consumption conditions were used as the basis for the analysis²⁰. The cash flow results (in nominal dollars) are presented graphically in Figure 11. The investment returns are also calculated assuming an initial balance of \$2,000, an annual return of 6% and compounded annually.

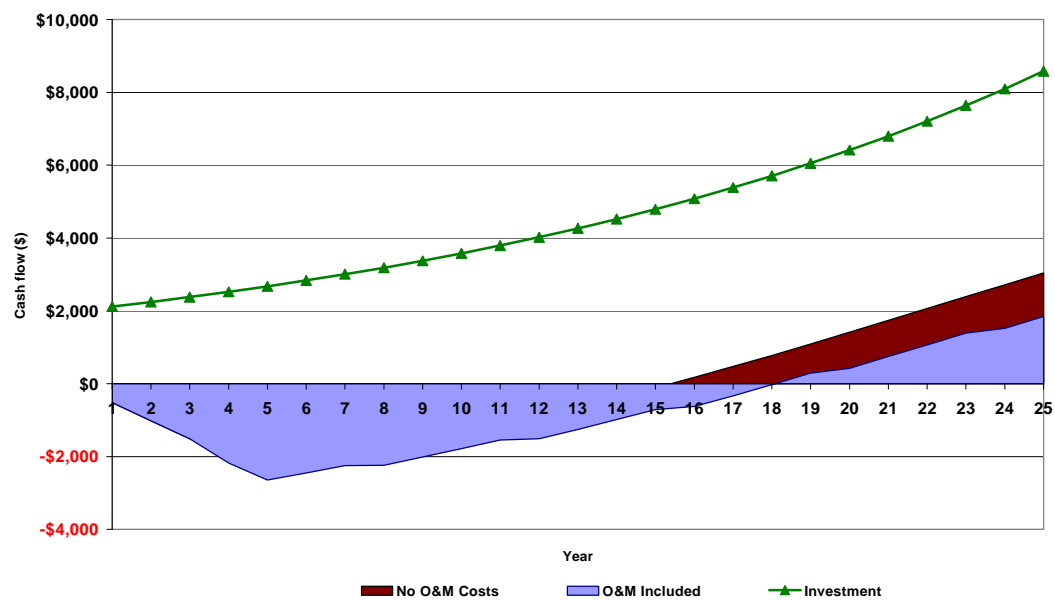


Figure 11: Comparison of SDHW and Medium/High risk investment cash flow, 25 years – Natural Gas, nominal

The cash flow figure includes three sets of data: cash flow assuming no operations & maintenance costs (O&M), cash flow assuming O&M costs every 4 years, and the anticipated stock market return with the same starting balance as the SDHW downpayment. The analysis was extended to 25 years rather than the usual 20

²⁰ The figure is not directly comparable to the earlier analysis as capital costs were not included in the calculations.

years used in other areas of the study. The fuel cost savings for the final years (21 to 25) was assumed to be constant. Values are in nominal dollars and the cash flow does not take into account future tax treatment of the investment.

Based on Figure 11 the savings for the forecasted pricing scenario show that in the 'No O&M' scenario the loan can be paid off entirely by the fuel savings, but only around year 15. In the case of the 'O&M Included' scenario, the loan is repaid in year 18. Neither scenario exceeds the cash flow from the investment account. In \$2009 terms, the 'No O&M' scenario would provide savings equal to the loan plus interest after 17 years while the 'O&M Included' scenario would require 19 years to provide the same payback. After 25 years, the investment scenario returns almost \$8,600 (nominal) or \$5,340 (\$2009), well above the projected savings from SDHW.

GHG emissions were calculated by using methods and emission factors published by Environment Canada (Environment Canada 2010). CO₂ emissions were calculated using the following equation (Environment Canada 2010):

$$E = FC * EF$$

Where:

E = GHG emissions by category

FC = Quantity of fuel consumed (in physical units, such as kg, L, or m³)

EF = Country-specific CO₂ emission factor (1,879 g/m³)

The quantity of fuel saved over the estimated 20 year timeframe for the analysis was calculated by subtracting the conventional and SDHW fuel consumptions presented in Table 8. The resulting reduction in emissions is between 10.6 and 14.0 tonnes CO₂ (depending on the forecast, scenario and hot water consumption conditions). Assuming the maximum incentive of \$4,300, the resulting GHG reduction cost is between \$15 and \$20/tonne CO₂ per year. 2010 prices of CO₂e reduction credits on

international trading markets are approximately \$20 CDN per tonne, and are in line with SDHW CO₂E reductions, suggesting that the maximum incentive level is comparable to the market mechanisms for reducing GHGs.

3.3.2. *Electricity*

A total of seven scenarios were modelled to determine overall savings from the use of SDHW to offset electricity consumption between 2009 and 2029. As identified in Section 3.1, only one long term electricity price scenario was used with four scenarios and two hot water heating consumption conditions. However, the Carbon Tax on its own has no impact on demand resulting in no difference in cost for the Combination scenario (D). The Carbon Tax scenario (B) is modelled taking into account the price elasticity of demand for electricity whereas the BAU scenario (A) assumes no change in demand over time. All the scenarios assume that the system is purchased in the first year. A final scenario was evaluated to compare the rates of return between a market based investment and SDHW.

In order to determine annual savings, the monthly contribution to hot water supply was determined by using RETScreen software. Local climatic conditions and hot water demand figures (collected as part of Section 2.2) were used to estimate the amounts of electricity consumed per month by the conventional DHW appliance. To determine electricity savings for an Enerworks 2-panel system, the hot water demand calculated in Section 2.2.2 for average and high hot water consumption conditions (123L/d and 179L/d, respectively) were used and overall electricity savings were determined, incorporating the elasticity of demand (see Section 3.3.1).

Overall supplemental electricity consumption for the conventional and SDHW systems based on RETScreen outputs is presented in Table 11.

Table 11: Estimated 20 Year Electricity Consumption (Average and High demand conditions) for Scenarios A, B, C and D (RETScreen).

Scenario	Estimated Total 20 Year Electricity Consumption (kWh)			
	Conventional DHW System		SDHW	
	Average Conditions	High Consumption Conditions	Average Conditions	High Consumption Conditions
A – BAU	56,600	82,380	14,420	31,900
B – Carbon Tax	50,240	73,120	11,190	25,090
C – HST Increase	49,970	72,730	11,090	24,810
D – Combination	--	--	--	--

The results of the scenario modelling are provided in Table 12. Sample calculation sheets and a summary of the calculated results, by year, forecast and scenario are presented in Appendix C.

Table 12: Estimated 20 Year Electricity Cost Savings (Average and High demand conditions) for Scenarios A,B,C and D (RETScreen), Nominal and \$2009 Dollars

Scenario	Estimated Total Savings, 20 years			
	Nominal		\$2009 Dollars	
	Average	High	Average	High
A – BAU	\$10,980	\$13,140	\$8,950	\$10,710
B – Carbon Tax	\$5,640	\$6,940	\$4,720	\$5,800
C – HST Increase	\$5,690	\$7,020	\$4,760	\$5,860
D – Combination	--	--	--	--

All scenarios show higher cumulative savings (both nominally and in \$2009) over the 20 year time period of the analysis when compared to the natural gas analysis. Savings were similar between Scenarios (B) and (C) although in both cases the savings are not big enough to fully pay back the SDHW system. The reason for this is the assumption of -0.3 as the price elasticity for electrical hot water heating. For the purposes of this analysis it is assumed that the elasticity is unchanged through time even though the demand for hot water is not expected to continue to decrease at a constant rate. Although electricity prices are expected to double, it is assumed

that this will in turn reduce demand, keeping annual costs lower (and reducing savings).

As noted previously, the assumption that the elasticity of demand for electricity is equal across all end-uses may be the critical factor in this analysis. For users that are reliant on electricity for all household uses (cooking, space heating and water heating), the subsequent decrease in demand due to an increase in price may be mostly observed in space heating rather than water heating. Adjusting a thermostat, switching to efficient lighting or other practices may be actions that occur prior to a decrease in hot water usage. This suggests that the BAU Scenario (A) may be more indicative of actual conditions. Further research is needed to investigate this hypothesis.

A final (seventh) scenario was analyzed to determine if SDHW could provide a reasonable ROI over the long term when compared to a medium/high risk investment in the stock market. The analysis was simplified to present a high level snapshot. The key parameters for the ROI assessment are as follows:

- System cost: \$8,500 minus incentives of \$4,300 (as per section 3.2)
- System downpayment: \$2,000
- Loan amount: \$2,200
- Terms of loan: 5 years @ 6.5% annual interest rate
- Annual stock market return (over 20 years): 6%
- Rate of inflation: 2%

The BAU Scenario (A) and high consumption conditions were used as the basis for the analysis. The cash flow results are presented graphically in Figure 12. The

investment returns are also calculated assuming an initial balance of \$2,000, an annual return of 6% compounded annually.

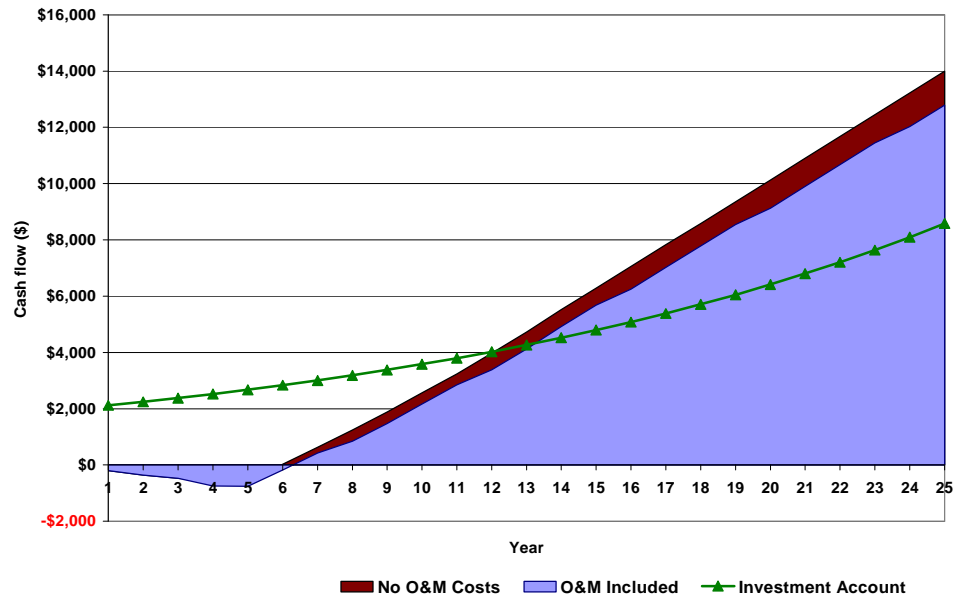


Figure 12: Comparison of SDHW and Medium/High risk investment cash flow, 25 years – Electricity, nominal

The figure shows that cash flow is positive (annual savings exceed the loan amount) around year 6 for both the 'No O&M' and 'O&M Included' scenarios. The figure also shows that the SDHW system exceeds the investment account around year 13. The cash flow figure shows that the projected savings are substantial and that for users of electricity for hot water heating, the opportunity cost of capital when applied to SDHW is projected to be greater than the alternative investment. In addition, the energy savings result in lower consumption tax costs for the individual whereas the investment account will be subject to tax at a future date, lowering the overall rate of return. The high return also indicates that for the electricity case (assuming constant demand), incentives are unnecessary as a mechanism to make SDHW a cost effective alternative and any additional incentives will improve the ROI.

The different ROI for each fuel type is mainly due to the vastly different equivalent price for each fuel and to a lesser extent the conversion efficiencies. In Table 11,

the estimated requirement for electric heating drops by about 75% when using SDHW but this is not much different than the natural gas scenario (Table 8). The forecasted price of natural gas in year 2028 is about \$0.44 CDN/m³ (\$10.90 US/mmBTU), which converted is about \$0.012 CDN/MJ (\$0.008 CDN /MJ in 2009). Conversely, for electricity the forecasted price in 2028 results in energy costs of about \$0.08 CDN/MJ (compared to about \$0.03 CDN/MJ in 2009). It is this disparity that results in the higher ROI and payback for the SDHW system under the electricity scenario since overall electricity costs on a energy unit basis are much higher.

From a GHG perspective, emissions are emitted indirectly at the power plant and depend on the mix of generating facilities. Ontario has a diverse mix of electricity generation sources, including nuclear (baseload), hydroelectric, coal and natural gas meaning that Ontario has a low GHG intensity/kWh generated compared to jurisdictions that rely on a high proportion of fossil fuels. GHG emissions were calculated by adopting methods and electricity intensity factors published by Environment Canada (Environment Canada 2010). CO₂ emissions were calculated using the following equation:

$$E = EC * EF$$

Where:

E = CO₂ emissions (in kg)

EC = Quantity of electricity consumed (in kWh)

EF = Electricity intensity factor for Ontario, 2008 (0.16 kg/kWh)

Electricity saved over the 20 year timeframe for the analysis was calculated by subtracting the conventional and SDHW demand presented in Table 11. The resulting reduction in emissions is between 6.5 and 8.1 tonnes CO₂ (depending on the forecast, scenario and hot water consumption conditions). The GHG reduction

estimate is likely overestimated as it was based on 2008 GHG intensity factors (Environment Canada 2010) and are likely to change over time.²¹ To calculate the GHG reduction costs, the incentives were assumed to be \$4,300, resulting in a GHG reduction cost of between \$27 and \$30/tonne CO₂e per year. Current prices of CO₂e reduction credits on international trading markets are approximately \$20 CDN per tonne, and results in a comparatively higher premium placed on SDHW CO₂ reductions.

²¹ Ontario plans to close all coal-fired generation by 2014.

4. Summary

The study reviewed and assessed the economic viability of SDHW systems in Ottawa, Ontario. The analysis was supported by using recent residential fuel consumption data collected from eight sites in Ottawa between April 2009 and December 2010. The results of the monitoring were used to determine estimated energy consumption for domestic hot water heating that was used as an input to SDHW modelling using RETScreen software.

Two different water heating energy sources were assessed: natural gas and electricity. Natural gas is the dominant heating fuel in the province with electricity second. Two forecasted price scenarios were modelled for natural gas and one price scenario was available for electricity. Two water usage conditions were also modelled, average and high water usage. Four different policy scenarios were applied to each forecast including: business as usual, carbon tax, HST increase and combined. Each policy scenario was assumed to affect behaviour to varying degrees through lower hot water consumption. Two additional ROI analyses were completed (one for each fuel).

In the absence of government incentives, all natural gas scenarios resulted in poor economic returns due mainly to the low price of natural gas relative to capital. Natural gas costs in 2009 were calculated at about \$0.008/MJ (rising to \$0.012/MJ in 2028). The 20 year savings from a SDHW system operating in Ottawa were calculated to be between \$3,250 and \$4,740 (nominal) and \$2,660 and \$3,840 (\$2009): dramatically less than the estimated \$8,500 installation cost. Even with generous incentives available in 2009 (\$4,300 at the time), economic viability is only attainable under potential high tax conditions.

At existing natural gas prices, the ROI analysis showed that as an investment, the return from SDHW is well below what a long term medium/high risk investment might achieve and would be a poor investment compared to alternative uses of capital.

From a GHG perspective, 20 year CO₂e reductions were estimated at between 10.6 tonnes and 14.0 tonnes CO₂e. The May 2011 rate for CO₂e credits on international trading markets is about \$20 CDN/tonne CO₂e, and the \$4,300 in incentives results in an average annual CO₂ abatement cost of between \$15 and \$20/tonne CO₂e.

The five electricity scenarios showed that savings are projected to range from \$5,640 to \$13,140 (nominal) and \$4,720 to \$10,710 (\$2009) over 20 years. The main reason for the projected savings is the high cost of electricity relative to the cost of capital; \$0.03/MJ in 2009 rising to \$0.08/MJ. Moreover, on a MJ basis, electricity in Ontario is almost 40 times more expensive than natural gas. Only the BAU policy scenario, assuming no adjustment in consumption due to rising prices resulted in the SDHW system being economically viable without incentives. The ROI assessment illustrated a positive cash flow starting about year six and the overall return being substantially better over the long term than a comparable medium/high risk investment with a 6% annual return.

Estimated indirect GHG reductions were between 6.5 and 8.1 tonnes CO₂ over 20 years, at a cost of between \$27 and \$30/tonne CO₂ when factoring in \$4,300 in incentives.

The assumption that the elasticity of demand for electricity is equal across all end-uses may be the critical factor in this analysis. For users who are reliant on electricity for all household uses (cooking, space heating and water heating), the subsequent decrease in demand due to an increase in price may be observed in space heating rather than water heating. Further research is needed to investigate this hypothesis.

4.1. Policy Implications

The results of this study provide an interesting contrast between the presumed 'free energy' from the sun and 'cheap energy' from fossil sources available in Canada. In general, most urban consumers select natural gas for heating rather than electricity although in rural areas natural gas is typically unavailable due to the costs involved in creating new distribution networks. Although the economics of SDHW when compared to natural gas make it unviable (based on 2009 commodity prices), the study shows that for electric hot water users SDHW may provide higher savings and, depending on the conditions, an excellent return on investment. This suggests that two options could be investigated further; costs associated with converting people to natural gas (from electricity), and programs that could be implemented to increase the penetration of SDHW (for those with electric heating and no access to natural gas).

The low cost of natural gas relative to capital makes SDHW a poor financial choice, however as a GHG reduction instrument, the reduction cost on a \$/tonne basis (with incentives of about 50% installed cost) is in line with international trading markets in carbon reduction credits. It should be noted that the analysis has focussed on the residential sector, but industrial and commercial sectors may benefit from small

scale solar thermal technology. For example, high volume water users (such as restaurants) may benefit more than residential consumers.

With respect to SDHW as a tool in overall energy planning, the LTEP includes an electricity conservation target of 28 TWh by 2030. Between 2006 and 2010, Ontario invested about \$1.7 billion in conservation programs which resulted in savings of approximately 6.7 TWh (\$0.25/kWh) (Ontario Ministry of Energy 2010). In a telephone conversation between the author and Dan Roberts of Hydro Ottawa in June 2009, there are approximately 25,000 to 30,000 electric hot water tanks in the region. Assuming energy savings of between 2,000 and 2,500 kWh per unit (per year), the total electricity conserved from this region (9.3% of the province on a population basis) would range between 0.05 and 0.06 TWh. Over 20 years, the conservation measures would result in 1 to 1.2 TWh, or about 3.6% of the conservation target. Using the same conservation investment rate of \$0.25/kWh, incentives would be between \$10,000 and \$12,500, or greater than the capital cost. Offering incentives or promoting SDHW for electricity consumers should be further investigated given the conservation opportunities.

The provinces of Quebec, Newfoundland and Labrador, Manitoba and British Columbia all have significant hydro resources for generating electricity. These provinces also have low electricity prices meaning that most residences use electricity for space and hot water heating. Reducing the consumption of high grade energy (electricity) with SDHW in these provinces would provide for greater quantities available for export (assuming sufficient inter-connection capacity) potentially increasing revenues and reducing indirect GHGs in other jurisdictions.

As a method of reducing GHGs, the estimated cost per tonne of CO₂e reduced (at the maximum incentive level) is comparable to current prices under emissions

trading. The EU ETS estimated that the market for credits would increase to about 20€/tonne by 2020 (revised down from 50€/tonne due to the economic recession) (CCC 2009). The analysis suggests that SDHW incentives equal to about 50% of the capital costs would cost less than market based GHG reduction pricing.

5. Conclusions

Based on the analysis herein:

1. A typical SDHW system supplementing natural gas in Ottawa, Ontario is expected to save less than 50% of the capital cost over 20 years making it a poor economic or financial investment. If prices observed prior to the recession were still in place, SDHW would still require incentives to be economically viable.
2. A typical SDHW system supplementing electricity in Ottawa, Ontario is expected to save between about 60% and 130% of the capital cost over 20 years making it an investment that is highly dependent on final end-use demand.
3. Policy scenarios such as the imposition of carbon taxes (at \$10 per tonne CO₂e rising to \$50 per tonne CO₂e) and consumption tax increases (of 2%) (or both) are expected to have a minimal effect on the overall economics of SDHW as these policy instruments contribute to decreased energy consumption due to the elasticity of demand for energy.
4. For natural gas DHW consumers, incentives would need to be more than 50% of the system cost to make the investment equal to the savings over 20 years. For electricity DHW consumers, incentives may be unnecessary as the projected savings are greater than the original investment.
5. It is expected that SDHW can function as an effective CO₂ reduction tool for natural gas users.
6. Incentives for the installation of SDHW as an electricity demand reduction tool (at a cost of \$0.25/kWh saved) would result in entire SDHW capital costs being covered, suggesting that SDHW is a cost effective way to reduce demand.

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List of Abbreviations

BAU	Business As Usual
BC	British Columbia
BoC	Bank of Canada
CCC	Committee on Climate Change
CEUD	Comprehensive Energy Use Database
CFS	Canadian Forest Service
CNS	Conserve Nova Scotia
CPI	Consumer Price Index
DHW	Domestic Hot Water
EIA	Energy Information Administration
GHC	Garrad Hassan Canada
GHG	Greenhouse Gas
GST	Goods and Services Tax
HST	Harmonized Sales Tax
IEA	International Energy Agency
kWh	kilowatt hour
LTEP	Long Term Energy Plan
LDC	Local Distribution Company
MJ	Mega Joule
NRCan	Natural Resources Canada
O&M	Operations and Maintenance
OEB	Ontario Energy Board
OSTF	Ontario Solar Task Force
PST	Provincial Sales Tax
PV	Photovoltaic
REN21	Renewable Energy Policy Network for the 21 st Century
ROI	Return on Investment
SDHW	Solar Domestic Hot Water
SOCEC	Sustainable Ottawa Community Energy Co-operative Inc.
TOU	Time of Use

APPENDIX A
DOMESTIC HOT WATER NATURAL GAS
CONSUMPTION DATA

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
A	04/04/2009	0	0.05	0	0	0	0.65	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0.15	0.6	0	0.05	0	0.1	0.1	1.85
A	05/04/2009	0.05	0	0	0.05	0	0.65	0.1	0.4	0	0	0.05	0	0	0	0.05	0	0	0	0.65	0.05	0	0	0	0.05	2.1
A	06/04/2009	0	0	0	0.05	0	0	0.05	0.15	0.3	0.5	0	0.05	0	0	0	0.3	0	0.05	0	0.45	0.25	0	0	0.05	2.2
A	07/04/2009	0	0	0	0.05	0	0	0.05	0.1	0.05	0	0	0.05	0	0	0.05	0.2	0	0	0	0.75	0.1	0.3	0.2	0	1.9
A	08/04/2009	0.05	0	0	0.05	0	0.45	0	0.15	0.15	0	0	0.05	0.05	0.05	0	0.05	0	0.15	0.4	0.45	0	0	0.05	2.1	
A	09/04/2009	0	0	0.05	0	0	0.4	0.3	0.15	0	0	0	0.05	0	0	0.05	0	0.05	0.65	0	0	0.05	0	0	1.75	
A	10/04/2009	0	0.05	0	0	0.05	0	0	0.2	0	0	0.35	0.3	0.05	0	0	0.15	0	0.05	0.65	0	0	0.05	0	1.9	
A	11/04/2009	0	0.05	0	0	0.05	0.1	0.7	0.25	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0	0.05	1.35	
A	12/04/2009	0	0.05	0	0	0.05	0	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.8	0.05	0	0	0	1.1	
A	13/04/2009	0.05	0	0	0	0.05	0	0	0.15	0.45	0.1	0	0	0.05	0	0	0.05	0	0.1	0	0.05	0.65	0	0	1.7	
A	14/04/2009	0.05	0	0	0	0.05	0.65	0	0.05	0	0.4	0	0	0	0.05	0	0	0.2	0.1	0	0.15	0.4	0.05	0	2.15	
A	15/04/2009	0	0.05	0	0	0.05	0	0	0.6	0.05	0	0	0.05	0	0.05	0	0.15	0.3	0.1	0.6	0	0	0.05	0	2	
A	16/04/2009	0	0.05	0	0	0.05	0	0.15	0	0	0.9	0.1	0.1	0	0	0	0.05	0	0	0.5	0.2	0	0.05	0	2.15	
A	17/04/2009	0	0.05	0	0	0.05	0	0	0	0	0.8	0.1	0.05	0.1	0	0.2	0	0.1	0.35	0	0.6	0.05	0	0	2.45	
A	18/04/2009	0	0.05	0	0	0.05	0.6	0.1	0.4	0	0	0	0.05	0	0	0.05	0.15	0.05	0.1	0.55	0	0.05	0	0	2.2	
A	19/04/2009	0.05	0	0	0	0.05	0.65	0	0.05	0.15	0	0	0	0.05	0	0	0.05	0	0.35	0.35	0	0	0.05	0	1.8	
A	20/04/2009	0	0.05	0	0	0.05	0	0.2	0.4	0.6	0	0	0	0	0.05	0	0	0.05	0	0.25	0.4	0	0	0.05	2.1	
A	21/04/2009	0	0.05	0	0	0.05	0	0.3	0	0	0.05	0	0	0.45	0.2	0	0.15	0	0	0.05	0.6	0	0	0.05	1.95	
A	22/04/2009	0	0	0.05	0	0	0	0.05	0.1	0.65	0.15	0	0	0.05	0	0	0.35	0.2	0	0.05	0	0.55	0	0.05	2.25	
A	23/04/2009	0	0.05	0	0	0.05	0.1	0.15	0.25	0.4	0.35	0.05	0	0	0.1	0	0.05	0.2	0	0.05	0	0.55	0.45	0.15	2.25	3.2
A	24/04/2009	0.45	0.1	0.1	0	0	0.6	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.4	0.25	0	0	0.05	0	2.1	
A	25/04/2009	0	0	0.05	0	0	0.4	0.05	0.15	0	0.05	0	0	0.05	0	0	0.05	0	0.35	0.25	0	0	0	0	0.05	1.45
A	26/04/2009	0	0	0	0.05	0	0.3	0	0.25	0	0.05	0	0	0	0.05	0	0	0.2	0.2	0.45	0	0	0	0.05	1.6	
A	27/04/2009	0	0	0	0.05	0	0	0.05	0	0	0.15	0	0.05	0	0.2	0	0	0.05	0	0.1	0.55	0.1	0	0	0.05	1.35
A	28/04/2009	0	0	0	0.05	0	0	0.05	0.6	0.25	0	0.05	0	0	0	0.05	0	0	0.05	0.15	0.55	0.35	0	0	2.15	
A	29/04/2009	0.05	0	0	0	0.05	0	0.15	0	0.1	0.4	0.05	0.05	0	0	0	0.05	0.15	0	0.65	0.05	0	0	0.05	1.8	
A	30/04/2009	0	0	0	0.05	0	0.25	0.1	0.35	0	0	0	0.05	0	0	0.05	0	0	0.05	0.35	0.35	0.05	0	0	1.65	
A	01/05/2009	0	0.05	0	0	0.05	0	0	0.2	0.5	0	0	0.05	0	0	0.05	0	0.05	0.3	0	0.05	0.6	0	0.05	1.9	
A	02/05/2009	0	0	0.05	0	0	0.05	0	0	0	0.05	0.25	0	0.05	0	0.25	0.05	0.1	0	0.05	0.45	0	0	0.05	1.4	
A	03/05/2009	0	0.05	0	0	0.05	0	0.55	0.35	0	0.2	0.4	0	0	0.25	0	0.25	0	0.15	0	0	0.35	0.05	0	2.65	
A	04/05/2009	0.05	0	0	0	0.05	0	0	0.05	0.4	0.05	0.75	0	0	0.05	0	0	0.15	0	0.35	0.4	0	0	0.05	2.35	
A	05/05/2009	0	0	0	0.05	0	0.2	0.05	0.1	0.05	0	0	0	0.05	0	0.15	0.05	0	0	0.55	0	0.05	0	0	1.3	
A	06/05/2009	0.05	0	0	0	0.05	0	0.15	0.1	0.05	0	0	0.05	0	0	0.1	0.05	0	0.5	0	0.05	0	0	0	1.2	
A	07/05/2009	0	0	0	0.05	0	0.3	0.1	0.55	0.05	0	0	0	0.05	0	0	0.05	0	0	0.15	0.3	0	0.05	0	1.65	
A	08/05/2009	0	0.05	0	0	0	0.65	0	0.15	0	0	0	0.05	0	0	0	0.05	0.1	0.45	0.15	0	0	0.05	0	1.7	
A	09/05/2009	0.05	0	0	0	0.05	0	0	0	0.05	0	0.15	0.05	0.1	0	0	0.05	0	0	0.25	0	0.5	0	0.05	1.3	
A	10/05/2009	0	0	0.05	0	0	0.05	0	0	0	0.6	0.2	0.05	0	0	0	0.05	0	0.1	0	0.65	0	0	0.05	1.8	
A	11/05/2009	0	0	0.05	0	0	0.05	0	0	0.15	0	0	0.05	0	0	0	0.2	0.1	0.05	0	0.55	0.05	0	0	1.25	
A	12/05/2009	0.05	0	0	0	0.05	0	0.15	0	0	0	0.05	0	0	0.05	0	0	0.15	0	0.05	0	0	0.05	0	0.6	
A	13/05/2009	0	0.05	0	0	0.05	0	0.75	0.3	0	0.05	0	0	0.05	0	0	0.05	0	0.05	0.65	0.05	0	0	0	0.05	2.05
A	14/05/2009	0	0	0	0.05	0	0.45	0.25	0.25	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0.05	0.5	0	0	1.75	
A	15/05/2009	0	0.05	0	0	0	0.05	0	0	0.05	0	0.75	0.1	0.05	0	0.05	0	0	0.05	0	0	0.05	0	0	1.2	
A	16/05/2009	0.05	0	0	0	0.05	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0.35	
A	17/05/2009	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.35	0.3	0	0	0	0.05	0.95
A	18/05/2009	0	0	0	0.05	0	0.3	0	0.05	0.1	0	0.05	0	0	0	0.05	0	0.05	0.35	0.1	0.05	0	0	0.05	1.2	
A	19/05/2009	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0.15	0	0	0.05	0	0.4	0	0	0	0.9	
A	20/05/2009	0	0.05	0	0	0	0.05	0.1	0.2	0.05	0	0.25	0.45	0.05	0	0	0	0.05	0.1	0.5	0.05	0	0	0	0.05	1.95
A	21/05/2009	0	0	0.05	0	0	0.15	0.1	0.05	0	0	0	0	0.15	0	0	0.05	0	0	0.5	0.05	0	0.05	0	1.15	
A	22/05/2009	0	0	0.05	0	0	0.55	0	0.1	0.05	0	0	0	0.05	0	0	0	0.35	0	0.05	0	0	0	0	0.05	1.25
A	23/05/2009	0	0.05	0	0	0	0.25	0.05	0.25	0.05	0	0	0	0.05	0	0	0.05	0	0.4	0.1	0.15	0	0	0.05	1.45	
A	24/05/2009	0	0.05	0	0	0	0.2	0	0.15	0.05	0	0	0	0.05	0	0	0.05	0	0.5	0.05	0	0	0.05	0	1.15	
A	25/05/2009	0	0.05	0	0	0	0.05	0	0	0	0.3	0	0.05	0	0.15	0.45	0.4	0.35	0	0.05	0	0	0	0	1.9	
A	26/05/2009	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.15	0	0	0.05	0	0	0.5	0.1	0.05	0	0	0	1	
A	27/05/2009	0.05	0	0	0	0.05	0.6	0	0.05	0.1	0.05	0	0	0	0.05	0	0	0.15	0.05	0	0.6	0	0	0.05	1.8	
A	28/05/2009	0	0.05	0	0	0	0.05	0	0	0.4	0.6	0	0	0.05	0	0	0.25	0	0	0.05	0.4	0	0.05	0	1.9	
A	29/05/2009	0.05	0	0	0.05	0	0	0.25	0.4	0	0	0.05	0	0.05	0.1	0	0	0.45	0.2	0.05	0	0	0	0.05	1.7	
A	30/05/2009	0	0.05	0	0	0	0.3	0.05	0	0	0.05	0	0	0	0.05	0	0.35	0	0.05	0.5	0	0	0	0.05	1.45	
A	31/05/2009	0	0.05	0	0	0.05	0	0.05	0.1	0.55	0.4	0	0	0.05	0	0.1	0.05	0.1	0.35	0.05	0	0	0.05	0	1.95	
A	01/06/2009	0	0	0.05	0	0	0.05	0	0	0	0.35	0.2	0.05	0	0	0.05	0.25	0.1	0.35	0.25	0.35	0	0.05	0	2.1	
A	02/06/2009	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	0.45	0.1	0	0	0.85	

SITE	DATE	Time of Day Consumption in m3																								TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00		
A	07/06/2009	0	0.05	0	0	0.05	0.2	0.05	0.15	0	0	0	0.05	0	0	0.05	0	0	0	0.65	0	0.05	0	0	0	1.3	
A	08/06/2009	0.05	0	0	0	0.05	0.55	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0.7	0	0.05	0	0	0	0.05	1.6	
A	09/06/2009	0	0	0.05	0	0	0	0.1	0.1	0.55	0	0	0	0.05	0	0	0.05	0	0	0.45	0.05	0	0.05	0	0	1.45	
A	10/06/2009	0	0.05	0	0	0	0.05	0	0	0.35	0.1	0.4	0.05	0	0	0.05	0	0	0	0.05	0	0.5	0.05	0	0	1.65	
A	11/06/2009	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.15	0.4	0	0.05	0.2	0.05	0.2	0.4	0	0.05	0	0	0	1.65	
A	12/06/2009	0.05	0	0	0.05	0	0.3	0	0.15	0	0	0	0.05	0	0	0.05	0	0	0	0.35	0.2	0	0	0	0.05	1.25	
A	13/06/2009	0	0	0	0.05	0	0.1	0.1	0	0	0.05	0	0	0	0.05	0	0	0.7	0	0.05	0	0	0	0.05	0	1.15	
A	14/06/2009	0	0.05	0	0	0	0.15	0.45	0	0.05	0	0	0.05	0	0.05	0.1	0	0	0.05	0.2	0.25	0	0	0.05	0	1.45	
A	15/06/2009	0	0	0.05	0	0	0	0.05	0	0	0.15	0	0	0.6	0	0	0	0.05	0	0	0	0.2	0.05	0	0.05	1.2	
A	16/06/2009	0	0	0.05	0	0	0.2	0.15	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0.5	0	0	0	0.05	1.1	
A	17/06/2009	0	0	0	0.05	0	0	0	0.05	0.4	0.05	0	0	0.05	0	0	0	0.05	0	0.45	0.2	0.05	0	0	0	1.35	
A	18/06/2009	0.05	0	0	0	0.05	0.2	0.05	0.2	0	0	0	0.05	0	0	0.05	0	0.1	0.35	0.05	0.15	0	0	0	0.05	1.35	
A	19/06/2009	0	0	0.05	0	0	0	0.05	0.25	0	0.05	0.15	0	0.05	0	0	0.05	0	0	0	0.15	0.35	0	0	0	1.15	
A	20/06/2009	0.05	0	0	0.05	0	0	0	0.1	0.25	0.05	0	0	0.1	0.05	0	0	0.15	0.25	0	0	0	0	0.05	0	1.1	
A	21/06/2009	0	0	0.05	0	0	0.05	0.15	0.5	0	0	0.05	0	0	0.05	0	0	0.15	0	0.1	0.3	0.2	0	0	0	1.6	
A	22/06/2009	0.05	0	0	0	0.05	0.2	0.05	0	0.05	0	0	0.05	0	0	0	0.05	0.3	0	0	0	0.05	0	0	0	0.85	
A	23/06/2009	0.05	0	0	0.05	0	0	0.15	0.05	0	0	0	0	0.05	0	0.2	0	0.15	0.05	0	0.25	0.2	0	0.05	0	1.25	
A	24/06/2009	0	0	0.05	0	0	0.6	0	0.05	0	0	0	0.05	0	0	0.15	0	0.05	0.2	0.05	0	0	0	0.05	0	1.25	
A	25/06/2009	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.4	0.3	0	0.05	0	0	0	0	0.1	0.05	0	0	1.1	
A	26/06/2009	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0	0.05	0.2	0	0	0.05	0	0	0	0.5	
A	27/06/2009	0	0.05	0	0	0.05	0.15	0.05	0	0	0.05	0	0	0.05	0	0	0	0.05	0.4	0	0	0	0.05	0	0	0.9	
A	28/06/2009	0	0	0.05	0	0	0.2	0.05	0.25	0	0	0.1	0.05	0	0.05	0	0	0.35	0.45	0	0.05	0	0	0.05	0	1.65	
A	29/06/2009	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.25	0.05	0	0	0.05	0	0	0	0.4	0.05	0	0	0.05	1	
A	30/06/2009	0	0	0	0.05	0	0	0	0.05	0.15	0.3	0.05	0	0	0	0.05	0	0.05	0.35	0	0.05	0	0	0	0.05	1.15	
A	01/07/2009	0	0	0	0.05	0	0	0	0.35	0.3	0	0	0.05	0	0	0	0.15	0.4	0	0	0.4	0	0	0.05	0	1.75	
A	02/07/2009	0	0.05	0	0	0.05	0	0	0.1	0.25	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.65	
A	03/07/2009	0	0	0.05	0	0	0	0.05	0	0.2	0.35	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0.05	0.85	
A	04/07/2009	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0.15	0	0.05	0.15	0	0.05	0	0.25	0.15	0	0.05	0	0	0.85	
A	05/07/2009	0	0.05	0	0	0	0.15	0	0	0.05	0.15	0	0	0.25	0	0.15	0	0.05	0	0	0.35	0	0.05	0	0	1.25	
A	06/07/2009	0	0.05	0	0	0	0.2	0.3	0	0.05	0	0	0	0.05	0	0	0.05	0	0.25	0	0	0.05	0	0	0	1	
A	07/07/2009	0.05	0	0	0	0.05	0	0	0.1	0.05	0.1	0	0	0.05	0	0	0	0.05	0.3	0.05	0.05	0	0	0	0.05	0.9	
A	08/07/2009	0	0	0.05	0	0	0	0.05	0.1	0.15	0	0	0.15	0	0.05	0	0	0.05	0.45	0	0	0	0	0.05	0	1.1	
A	09/07/2009	0	0	0.05	0	0	0	0.05	0.15	0	0	0.15	0	0	0.05	0	0	0.25	0	0.15	0.25	0	0.05	0	0	1.15	
A	10/07/2009	0	0.05	0	0	0.05	0.1	0.3	0	0	0	0.05	0	0	0.05	0	0.05	0.1	0.3	0	0	0.05	0	0.05	0	1.1	
A	11/07/2009	0	0	0	0.05	0	0.35	0.05	0	0.1	0.05	0	0	0	0.05	0	0	0.05	0	0.2	0.3	0	0.05	0	0	1.25	
A	12/07/2009	0	0.05	0	0	0.05	0.2	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.45	0	0	0	0.05	0	0.95	
A	13/07/2009	0	0	0.05	0	0	0.05	0	0	0.05	0.3	0	0	0.5	0	0.05	0	0	0.05	0	0	0.05	0	0	0	1.1	
A	14/07/2009	0	0.05	0	0	0.05	0	0	0.25	0.35	0.05	0.05	0	0	0	0	0.25	0	0	0.05	0	0	0	0.05	0	1.15	
A	15/07/2009	0	0	0.05	0	0	0.05	0	0	0	0.6	0.05	0.2	0	0	0	0.15	0	0	0.05	0	0	0	0	0.05	0	1.2
A	16/07/2009	0	0.05	0	0	0	0.05	0	0	0.35	0	0	0	0.05	0	0.2	0.05	0	0.05	0.45	0	0	0	0.05	0	1.3	
A	17/07/2009	0	0.05	0.15	0	0	0.2	0	0.05	0	0	0	0.05	0	0	0.05	0	0.05	0.15	0	0.2	0.2	0.05	0	0	1.15	
A	18/07/2009	0.05	0	0	0	0.05	0.4	0	0	0	0.15	0	0	0	0.05	0	0	0.05	0.35	0.05	0	0	0.05	0	0	1.2	
A	19/07/2009	0.05	0	0	0	0.05	0.3	0	0.2	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0.8	
A	20/07/2009	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.15	0.05	0.4	0	0	0.05	0	0	0.85	
A	21/07/2009	0	0.05	0	0	0.05	0	0	0.3	0	0.2	0	0	0.05	0	0.15	0.05	0.1	0	0.35	0	0	0.05	0	0	1.35	
A	22/07/2009	0	0.05	0	0	0	0.05	0.15	0	0	0.05	0	0	0	0.05	0.1	0.2	0.05	0	0	0.3	0.05	0.05	0	0	1.1	
A	23/07/2009	0	0.05	0	0	0.05	0.1	0	0.15	0	0	0.05	0	0	0	0.05	0	0.1	0.25	0.05	0	0	0.05	0	0	0.9	
A	24/07/2009	0	0	0.05	0	0	0.45	0	0	0	0.15	0	0.05	0	0	0.15	0	0.4	0	0.05	0	0	0.05	0	0	1.35	
A	25/07/2009	0	0.05	0	0	0	0.05	0	0	0.05	0.15	0.05	0	0	0.25	0	0.05	0	0	0.5	0	0.05	0	0	0	1.2	
A	26/07/2009	0.05	0	0	0.05	0	0.2	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.35	0	0.2	0	0	0.05	0	1.05	
A	27/07/2009	0	0	0.05	0	0	0.1	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0	0	0.05	0	0	0	0.4	
A	28/07/2009	0.05	0	0	0.05	0	0.2	0.35	0	0.05	0.15	0	0	0.05	0	0.3	0	0.05	0.1	0.25	0.05	0	0	0	0	1.65	
A	29/07/2009	0.05	0	0	0.05	0	0	0.05	0.25	0	0.05	0.25	0	0	0.05	0	0	0.05	0	0	0	0	0.05	0	0	0.85	
A	30/07/2009	0	0.05	0	0	0.05	0	0	0.15	0	0.35	0.15	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0.05	0.95	
A	31/07/2009	0	0	0	0.05	0	0	0.05	0	0.05	0.45	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0	0.75	
A	01/08/2009	0.05	0	0	0	0.05	0.15	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0.15	0.3	0	0	0	0.05	0	0.9	
A	02/08/2009	0	0	0	0.05	0	0.15	0.1	0	0	0.05	0	0	0	0.05	0	0	0.05	0.4	0	0.15	0	0.05	0	0	1.05	
A	03/08/2009	0	0.05	0	0	0	0.15	0	0.05	0.45	0	0	0.05	0	0	0	0.05	0	0.1	0.05	0.05	0	0	0.05	0	1.05	
A	04/08/2009	0	0	0.05	0	0	0	0.05	0.2	0.15	0.05	0	0.2	0.05	0	0	0.05	0	0.1	0.05	0.15	0.15	0	0	0.05	1.3	
A																											

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
A	10/08/2009	0	0.05	0	0	0	0.2	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0.3	0	0	0	0.05	0	0.75
A	11/08/2009	0	0	0.05	0	0	0.45	0.3	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0.05	0.3	0	0.05	0	0.05	1.35
A	12/08/2009	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.05	0	0.45	0.05	0	0.4	0.05	0	0.05	0.1	0	0	1.25
A	13/08/2009	0.05	0	0	0	0.05	0	0	0.05	0.3	0.3	0.05	0	0	0.3	0.1	0	0.05	0	0	0.35	0	0	0.05	0	1.65
A	14/08/2009	0	0.05	0	0	0	0.05	0	0	0.2	0	0.25	0	0	0	0.05	0	0.15	0	0.05	0	0	0.05	0	0.05	0.85
A	15/08/2009	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0.1	0	0.2	0.25	0	0	0.05	0	0.3	0	0.05	0	1.15
A	16/08/2009	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0.15	0	0.4	0.15	0.05	0	0	0	0.05	0	0	0.05	1
A	17/08/2009	0	0	0	0.05	0	0	0.1	0.45	0.1	0.05	0	0	0	0.05	0	0	0.05	0.25	0.05	0	0.15	0	0	0.1	1.3
A	18/08/2009	0.05	0	0	0.05	0	0	0	0.05	0	0.5	0	0.05	0.15	0.15	0	0	0	0.05	0	0	0.05	0	0	0	1.1
A	19/08/2009	0.05	0	0	0	0.05	0	0	0	0.05	0.15	0	0.25	0	0	0.05	0	0	0.05	0	0.05	0.35	0.15	0	0	1.15
A	20/08/2009	0.05	0	0	0	0.05	0.15	0.05	0	0	0.1	0.05	0	0	0	0.05	0	0	0.05	0.3	0	0	0.2	0	0	1.05
A	21/08/2009	0.05	0	0	0	0.05	0.2	0.3	0	0.05	0	0	0.05	0	0	0.05	0	0.15	0	0	0	0.25	0.05	0	0	1.15
A	22/08/2009	0.05	0	0	0	0.05	0	0	0.05	0	0.3	0.05	0.15	0	0.05	0	0	0	0.05	0	0	0.15	0	0.05	0	0.95
A	23/08/2009	0	0	0.05	0	0.05	0.25	0	0	0.05	0	0	0	0.05	0	0	0	0.1	0.25	0.05	0	0.05	0	0	0	0.9
A	24/08/2009	0.05	0	0	0	0.05	0.35	0	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0.3	0.05	0	0	0.05	1
A	25/08/2009	0	0	0.05	0	0	0	0.05	0	0.3	0	0.05	0.1	0.3	0	0	0	0.05	0	0	0.2	0.25	0	0	0	1.35
A	26/08/2009	0.05	0	0	0.05	0	0	0	0.05	0.25	0.05	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	0.3	0	0	0.95
A	27/08/2009	0	0	0	0.05	0	0	0	0.15	0.35	0.3	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.1	1.1
A	28/08/2009	0.05	0	0	0.05	0	0	0	0.05	0.1	0.15	0	0.15	0.35	0	0	0.05	0	0	0.2	0.25	0	0.05	0	0	1.45
A	29/08/2009	0	0.05	0	0	0	0.2	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0.4	0	0	0.05	0	0.9
A	30/08/2009	0	0	0.05	0	0	0.2	0.05	0	0	0	0.05	0	0	0.05	0	0	0.15	0	0.4	0	0.05	0	0	0	1
A	31/08/2009	0.05	0	0	0	0.05	0.25	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.45	0	0.05	0	0.05	0	0	1
A	01/09/2009	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.7	0	0	0.05	0	0	0.05	0	0	0.35	0	0	0.05	1.35
A	02/09/2009	0	0	0.05	0	0	0	0	0.05	0.15	0.15	0	0.35	0	0.2	0.05	0.05	0.1	0	0.35	0	0	0.05	0	0	1.55
A	03/09/2009	0	0.05	0	0	0.05	0	0.1	0.15	0	0.05	0	0	0.05	0	0	0	0.05	0	0.25	0	0.3	0.05	0	0	1.1
A	04/09/2009	0.15	0	0	0.05	0.1	0.15	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0.7
A	05/09/2009	0	0	0	0.05	0	0	0.1	0.25	0.05	0	0	0	0.05	0	0	0.2	0	0	0.15	0	0.05	0	0	0	0.9
A	06/09/2009	0.05	0	0	0	0.05	0	0	0.05	0	0.15	0	0.05	0	0.15	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0.65
A	07/09/2009	0	0.05	0	0	0	0.05	0	0.1	0.2	0.1	0.05	0	0	0.25	0.5	0.05	0.05	0	0	0.05	0	0	0.05	0	1.4
A	08/09/2009	0.05	0	0	0.05	0	0.45	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0.05	0.3	0	0.05	0	0	1.1
A	09/09/2009	0	0.05	0	0	0	0.3	0.05	0	0	0	0.05	0	0	0.2	0	0.15	0	0.05	0	0	0	0.05	0	0	0.9
A	10/09/2009	0.05	0	0	0	0.05	0.25	0	0.4	0.1	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0	0.05	0	1.05
A	11/09/2009	0.05	0	0	0	0.05	0	0	0	0.45	0.05	0	0	0.2	0.05	0	0	0	0.05	0	0	0.05	0	0.05	0	0.95
A	12/09/2009	0	0.05	0	0	0	0.05	0	0	0.15	0	0.05	0	0.05	0	0.2	0	0.1	0.05	0	0.05	0.1	0.05	0	0.15	1
A	13/09/2009	0.05	0	0	0.05	0	0.1	0.05	0.25	0	0.05	0	0	0.05	0	0	0	0.05	0.3	0	0.05	0	0.05	0	0.05	1.05
A	14/09/2009	0	0	0.05	0	0	0.35	0.05	0	0	0	0	0.05	0	0	0.05	0	0	0.05	0.3	0	0	0	0.05	0	0.95
A	15/09/2009	0	0.05	0	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0.35	0	0.05	0.1	0.25	0	0	0	0.05	0	1
A	16/09/2009	0	0.05	0	0	0.05	0	0	0.15	0	0	0.05	0	0	0.05	0	0	0	0.1	0.35	0.05	0	0.15	0.1	0	1.15
A	17/09/2009	0	0	0.05	0	0	0.4	0	0.05	0.1	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0.8
A	18/09/2009	0.05	0	0	0.05	0	0	0	0.15	0.05	0	0	0.05	0	0.1	0.05	0	0	0.1	0.25	0.05	0	0	0	0.05	0.95
A	19/09/2009	0	0	0.05	0	0	0	0.05	0.35	0	0	0.6	0	0	0	0.05	0	0.1	0.2	0	0.55	0.3	0	0	2.25	
A	20/09/2009	0.05	0	0	0	0.05	0	0	0.05	0	0	0.35	0.05	0	0	0.05	0	0	0.05	0.3	0	0.15	0.05	0	0	1.15
A	21/09/2009	0	0.05	0	0	0	0.05	0	0	0.4	0.05	0.25	0.05	0	0	0.05	0	0	0.3	0.05	0	0.05	0	0	0	1.3
A	22/09/2009	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0.25	0	0	0.3	0	0.3	0.05	0	0	0.85
A	23/09/2009	0.05	0	0	0	0.05	0.25	0.05	0	0	0.25	0.05	0	0	0	0.05	0	0	0.3	0	0	0	0.05	0.15	0	1.25
A	24/09/2009	0.05	0	0	0	0.05	0.3	0.05	0.1	0	0.2	0.05	0.05	0.2	0.1	0	0	0.05	0	0.3	0	0	0	0.2	0.19	
A	25/09/2009	0	0.05	0	0	0	0.4	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0.05	0.3	0	0	0.05	0	0	1
A	26/09/2009	0.05	0	0	0	0.05	0	0	0	0.15	0.5	0	0.05	0	0.1	0	0.05	0	0	0.45	0	0.05	0	0	0.05	1.5
A	27/09/2009	0	0	0	0.05	0	0	0	0.05	0.55	0	0.05	0	0.2	0	0	0.05	0	0.25	0.25	0.05	0.2	0.15	0	0	1.85
A	28/09/2009	0	0.05	0.1	0	0	0.4	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.35	0	0	0.05	0	0	0	1.1
A	29/09/2009	0.05	0	0	0.05	0	0	0	0.05	0.1	0.45	0	0	0	0.15	0	0	0.15	0.2	0	0.05	0	0.05	0	0.05	1.3
A	30/09/2009	0	0	0	0.05	0	0.2	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.5	0.05	0	0	0.05	0	0	1
A	01/10/2009	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.4	0.05	0	0	0.05	0.75
A	02/10/2009	0	0	0	0.05	0.45	0	0.05	0	0	0.35	0.15	0.15	0	0	0.05	0	0	0.15	0.35	0	0	0.05	0	0	1.8
A	03/10/2009	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0.15	0.25	0	0	0.05	0	0.4	0	0	0.05	0	0	0	1.05
A	04/10/2009	0.05	0	0	0	0.05	0	0	0.05	0.15	0.05	0.15	0	0.15	0.05	0	0	0.05	0.1	0.05	0.05	0.1	0	0.1	0.05	1.2
A	05/10/2009	0	0	0.05	0	0	0.2	0.15	0.05	0	0	0.05	0	0	0	0	0.05	0	0.15	0.05	0	0	0.05	0	0	0.8
A	06/10/2009	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0.15	0.1	0	0	0	0.15	0.8
A	07/10/2009	0	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0.1	0.15	0	0	0.35	0	0.1	0.25	0.05	0	0	0.05	1.2
A	08/10/2009	0	0	0.05	0	0	0	0.05	0.1	0.05																

SITE	DATE	Time of Day Consumption in m3																						TOTAL									
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00		23:00	24:00							
A	10/01/2010	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.5	0.05	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0.05	0	0.3	0	0.85	
A	11/01/2010	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.25	0.55	0	0	0	0.05	0.05	0.05	0.15	0	0	0	0.3	0	0.05	0	0	0	1.55		
A	12/01/2010	0	0.05	0	0	0	0.05	0.55	0.05	0	0	0.05	0	0	0.05	0.2	0.05	0	0.05	0.2	0.05	0.45	0	0	0.05	0	0	0.05	0	0	1.6		
A	13/01/2010	0	0.05	0	0	0	0.05	0	0	0.05	0	0.15	0.35	0	0	0.05	0	0	0	0	0.05	0.5	0	0	0.05	0	0	0	0.05	0	1.3		
A	14/01/2010	0	0.05	0	0	0	0.05	0	0	0.1	0.1	0.45	0.3	0	0	0.05	0	0	0.05	0	0	0.2	0	0	0.05	0	0	0	0.05	0	1.4		
A	15/01/2010	0	0.05	0	0	0	0.05	0	0	0	0.15	0.65	0	0.05	0.3	0	0	0.05	0	0.05	0	0	0.05	0	0	0.05	0.1	0	0	0.05	1.5		
A	16/01/2010	0	0	0	0.05	0	0	0.05	0	0	0.25	0.6	0.4	0	0	0.05	0	0	0.1	0.05	0.4	0	0	0	0.05	0	0	0	0.05	0	2		
A	17/01/2010	0	0	0	0.05	0	0	0.05	0	0	0.3	0	0.05	0	0	0.05	0	0	0	0.15	0.65	0.05	0	0	0	0	0	0	0	0	1.35		
A	18/01/2010	0.05	0	0	0.05	0	0	0	0.05	0.65	0	0	0.05	0	0	0.05	0	0	0	0.45	0	0	0.05	0	0	0	0	0	0	0	1.4		
A	19/01/2010	0.05	0	0	0	0.05	0	0	0.45	0	0	0.2	0.45	0.05	0	0.35	0.1	0.15	0.05	0.25	0.55	0.15	0	0	0.05	0	0	0.05	0	0.05	2.9		
A	20/01/2010	0	0	0.05	0	0	0	0.05	0.15	0.45	0	0.05	0	0	0.05	0	0	0.05	0	0	0	0.6	0	0	0	0	0	0	0.05	0	1.45		
A	21/01/2010	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0.45	0.45	0.15	0.2	0.05	0	0.3	0.3	0.15	0	0.05	0	0	0	0.05	0	0	0	2.25		
A	22/01/2010	0.05	0	0	0	0.05	0	0	0.05	0.1	0.15	0	0	0	0.1	0.6	0	0	0.05	0.15	0.2	0	0.05	0	0	0	0.05	0	0	0	1.55		
A	23/01/2010	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.1	0.3	0	0.05	0	0	0.45	0.05	0	0	0	0	0	0.05	0	0.05	1.2		
A	24/01/2010	0	0	0	0.05	0	0	0.25	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.3	0.25	0.05	0	0	0	0.05	0	0	0	0.05	0	1.1	
A	25/01/2010	0	0	0.05	0	0	0	0.05	0	0	0.05	0.25	0.15	0	0.05	0	0.55	0.15	0.05	0	0	0	0	0	0.05	0	0	0	0	0	1.4		
A	26/01/2010	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0.1	0.15	0.05	0.1	0.15	0.05	0.1	0.1	0.1	0	0	0.05	0.1	0	0.05	0	0	1		
A	27/01/2010	0	0.05	0	0	0	0.05	0	0.4	0.05	0	0	0.25	0.45	0.6	0	0	0.05	0	0.1	0.4	0	0	0	0	0	0	0.05	0	0.05	2.45		
A	28/01/2010	0	0	0.05	0	0	0.05	0	0	0.1	0.05	0.15	0.05	0	0	0.05	0	0	0.15	0.05	0.4	0	0	0	0	0	0	0	0.05	0	0	1.15	
A	29/01/2010	0	0	0.05	0	0	0.05	0.55	0.05	0	0.05	0	0.05	0	0	0.15	0.05	0	0	0.05	0	0	0	0	0	0.05	0	0	0.05	0	0	1.05	
A	30/01/2010	0	0.05	0	0	0.05	0	0	0	0.65	0.25	0	0	0.75	0.4	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0	0	0.05	0	0.05	2.3	
A	31/01/2010	0	0	0	0.05	0	0	0.05	0.1	0.7	0	0	0	0.25	0	0.05	0	0	0.3	0	0.55	0	0	0	0	0	0	0	0.05	0	0	2.1	
A	01/02/2010	0	0.05	0	0	0	0.05	0.55	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0.45	0	0.05	0	0	0.45	0	0.05	0	0.05	1.35		
A	02/02/2010	0	0	0	0.05	0	0	0	0.15	0.1	0.25	0	0	0.35	0.6	0	0	0	0	0.2	0.6	0	0	0	0	0.2	0.6	0	0.05	0	0	2.35	
A	03/02/2010	0	0.05	0	0	0.05	0	0	0	0.15	0	0	0.05	0	0	0.05	0	0	0	0.05	0.5	0.1	0	0	0	0.05	0.5	0.1	0	0.05	1.05		
A	04/02/2010	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.15	0.45	0.3	0	0.25	0.15	0.45	0.1	0.2	0	0.05	0	0	0	0	0.05	0	0	2.25	
A	05/02/2010	0	0	0.05	0	0	0	0.35	0.2	0.25	0	0.05	0	0	0.05	0	0	0.05	0.1	0.5	0	0	0	0	0	0	0	0	0	0	0.05	1.65	
A	06/02/2010	0	0	0	0.05	0	0	0.05	0	0	0	0.35	0.6	0.05	0	0.05	0	0	0.05	0	0.1	0.05	0	0	0	0.1	0.05	0	0	0.05	1.35		
A	07/02/2010	0	0	0.05	0	0	0	0.3	0	0	0.25	0.05	0	0	0.05	0	0	0.05	0.05	0.55	0.05	0	0.05	0	0	0.05	0.05	0	0.05	0	0	1.4	
A	08/02/2010	0	0.05	0	0	0.05	0	0	0.4	0.6	0.05	0	0	0.05	0.45	0.1	0	0.35	0	0.1	0	0.05	0	0	0	0	0.1	0	0.05	0	0	2.25	
A	09/02/2010	0	0.05	0	0	0.05	0	0	0	0.85	0.55	0.05	0.05	0	0	0.05	0	0.15	0.15	0.1	0	0.05	0	0	0	0.05	0	0	0	0	0	2.1	
A	10/02/2010	0.05	0	0	0.05	0	0.05	0.6	0	0	0.05	0	0.05	0	0	0.05	0	0	0.05	0.05	0.1	0	0	0	0	0	0	0	0.05	0	0	1.1	
A	11/02/2010	0	0.05	0	0	0.05	0	0	0.5	0	0	0.05	0	0	0.2	0.6	0	0	0.05	0	0.05	0	0.1	0.05	0	0	0.1	0.05	0	0	0	1.65	
A	12/02/2010	0.05	0	0	0	0.05	0.25	0.65	0	0.05	0	0.05	0	0	0.05	0	0	0.05	0.8	0.05	0	0	0.05	0	0	0	0.8	0.05	0	0	0.05	2.1	
A	13/02/2010	0	0	0	0.05	0	0	0.05	0	0	0	0.1	0.3	0.7	0.05	0	0	0	0.05	0	0.15	0.15	0	0	0	0	0.15	0.15	0	0	0	1.6	
A	14/02/2010	0.05	0	0	0	0.05	0	0	0.05	0	0.25	0.4	0	0	0.05	0	0	0.05	0	0.25	0.2	0	0	0.05	0.25	0.2	0	0	0.05	0	0	1.4	
A	15/02/2010	0	0	0.05	0	0	0.05	0	0	0	0.15	0	0.5	0.15	0	0	0.05	0	0.05	0	0.15	0.45	0	0	0	0	0	0	0	0	0.05	1.6	
A	16/02/2010	0	0	0	0.05	0	0.4	0.3	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.55	0	0	0	0	0	0	0	0	0.05	0	0.05	1.5
A	17/02/2010	0	0.05	0	0	0	0.05	0	0	0.15	0	0	0.05	0	0	0.05	0	0	0.15	0.25	0.1	0.35	0.15	0	0	0.05	0.1	0	0.05	0	0	1.45	
A	18/02/2010	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0.4	0	0	0.05	0	0	0.05	0	0.3	0.25	0.15	0	0	0	0.25	0.15	0	0	0	1.3	
A	19/02/2010	0.05	0	0	0.05	0	0	0	0.05	0.75	0.55	0.35	0	0	0.05	0	0.15	0.1	0.05	0.05	0.05	0	0.05	0	0	0.05	0.05	0	0.05	0	0.2	2.5	
A	20/02/2010	0	0.1	0	0.05	0	0	0.8	0	0	0.15	0.6	0.05	0	0	0.05	0.15	0.1	0.2	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0	2.35
A	21/02/2010	0.05	0	0	0	0.15	0	0.6	0.05	0.15	0.15	0	0	0.05	0	0	0.05	0	0.05	0	0	0.05	0	0	0	0	0.05	0	0	0.05	0	0.05	1.35
A	22/02/2010	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0.25	0	0	0.05	0	0	0.1	0.55	0.05	0	0	0	0	0.1	0.55	0.05	0	0	0	1.15	
A	23/02/2010	0.05	0	0	0	0.05	0	0	0.1	0.5	0	0	0	0.05	0	0	0.05	0	0.05	0	0.55	0	0	0	0.55	0	0	0.05	0	0	0	1.4	
A	24/02/2010	0	0.05	0	0	0.05	0	0.05	0.25	0	0.1	0.45	0	0.05	0	0	0.05	0	0.05	0	0.1	0.15	0	0	0	0.1	0.15	0	0	0.05	0	1.35	
A	25/02/2010	0	0	0.05	0	0	0.05	0	0	0.25	0.2	0.45	0	0.05	0	0	0.05	0	0	0	0	0.3	0	0	0	0	0.3	0	0	0.1	0.05	1.55	
A	26/02/2010	0	0	0	0.05	0	0.1	0.75	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0.15	0	0.05	0	0	0.05	0.15	0	0.05	0	0	1.3
A	27/02/2010	0.05	0	0	0	0.05	0	0	0	0.4	0.15	0	0.05	0	0	0.05	0	0	0.15	0.55	0	0.05	0	0	0	0	0.15	0.55	0	0.05	0	0	1.5
A	28/02/2010	0.05	0	0	0																												

SITE	DATE	Time of Day Consumption in m3																								TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00		
A	15/03/2010	0	0	0.05	0	0	0	0.05	0.3	0.8	0.05	0	0	0	0.05	0	0	0	0.05	0.7	0	0	0	0.05	0	2.1	
A	16/03/2010	0	0	0.05	0	0	0.05	0	0	0	0.75	0.35	0	0.05	0	0	0.2	0.25	0	0.4	0.2	0	0	0	0.05	2.35	
A	17/03/2010	0	0	0	0.05	0.15	0.55	0	0	0.25	0.15	0	0	0	0.05	0	0	0.05	0	0.2	0	0.05	0	0	0	1.5	
A	18/03/2010	0.05	0	0	0	0.05	0	0	0.5	0.55	0.55	0	0	0	0.05	0	0	0.05	0	0.4	0.05	0	0	0	0	2.3	
A	19/03/2010	0	0	0	0.05	0	0.5	0.15	0.2	0.1	0.05	0	0	0	0.05	0	0	0.05	0.5	0	0.05	0	0	0	0	1.75	
A	20/03/2010	0	0	0	0.05	0.05	0.75	0.05	0.15	0	0	0.05	0.2	0	0	0.05	0	0	0	0.25	0	0	0.05	0	0	1.65	
A	21/03/2010	0.05	0	0	0	0.05	0	0	0	0.1	0.8	0.05	0	0	0	0.05	0	0	0	0.5	0.1	0	0.25	0.15	0.05	2.15	
A	22/03/2010	0	0	0.05	0	0	0.6	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.9	
A	23/03/2010	0.05	0	0	0	0.05	0	0	0.05	0.5	0.5	0.9	0.05	0.1	0	0	0.05	0	0.1	0.3	0.05	0	0	0.05	0	2.75	
A	24/03/2010	0	0	0.05	0	0	0.05	0	0.55	0	0.05	0.2	0.05	0	0	0.05	0	0.1	0.3	0.05	0	0	0.05	0	0	1.2	
A	25/03/2010	0	0	0.05	0	0	0	0.05	0	0.5	0.25	0	0.05	0	0.3	0.1	0	0.05	0	0	0	0.05	0	0	0.05	1.45	
A	26/03/2010	0	0	0	0.05	0	0.3	0.1	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0	0	0.05	0	0	0.05	0.7	
A	27/03/2010	0	0	0	0.05	0	0.25	0.05	0.5	0.6	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	1.65	
A	28/03/2010	0	0.05	0	0	0.05	0.7	0.05	0.1	0.1	0.05	0	0	0	0.05	0	0	0.05	0.45	0	0	0.05	0	0	0	1.7	
A	29/03/2010	0.05	0	0	0	0.05	0	0	0.15	0	0.65	0.35	0	0.05	0	0.55	0	0	0.35	0.1	0.05	0	0	0.05	0	2.4	
A	30/03/2010	0	0	0	0.05	0	0	0.05	0	0	0.75	0	0.05	0	0	0.05	0	0.1	0.2	0.05	0.05	0	0.05	0	0	1.4	
A	31/03/2010	0.05	0	0	0	0.05	0	0	0.15	0	0.3	0.5	0	0	0.05	0	0.05	0	0.5	0.05	0	0	0	0	0.05	1.75	
A	01/04/2010	0	0	0	0.05	0	0	0.05	0	0.25	0.35	0.6	0	0	0.05	0	0	0	0.05	0.2	0	0.05	0	0	0	1.65	
A	02/04/2010	0.05	0	0	0.05	0	0.6	0	0	0.1	0.05	0	0	0.05	0	0	0	0.05	0.3	0	0	0.05	0	0	0.05	1.35	
A	03/04/2010	0	0	0	0.05	0	0	0	0.05	0	0.3	0.3	0	0	0.05	0.4	0	0.05	0	0	0.05	0	0	0	0	1.3	
A	04/04/2010	0	0	0	0.05	0	0	0.05	0	0.25	0.6	0	0.05	0	0	0.3	0	0.15	0.4	0.2	0	0	0.05	0	0	2.1	
A	05/04/2010	0	0.05	0	0	0	0.65	0	0	0	0.05	0	0	0.05	0	0	0.05	0.6	0	0.05	0	0.05	0	0	0.05	1.55	
A	06/04/2010	0	0	0.05	0	0	0	0.05	0	0.1	0.65	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0	1.05	
A	07/04/2010	0	0	0	0.05	0	0	0.05	0.15	0.05	0	0	0	0.15	0.25	0.1	0.15	0.1	0.15	0.1	0.05	0	0	0	0	1.45	
A	08/04/2010	0.05	0	0	0.05	0	0.7	0.05	0	0	0	0	0.05	0	0	0.05	0	0	0.1	0.55	0.05	0	0	0.05	0	1.7	
A	09/04/2010	0	0	0.05	0	0	0.7	0	0.05	0	0	0	0.05	0	0	0.05	0.05	0.5	0.6	0	0	0	0.05	0	0	2.1	
A	10/04/2010	0	0.05	0	0	0.05	0	0	0.6	0.2	0	0.05	0	0	0.05	0	0.3	0	0	0.5	0.05	0	0	0.05	0	1.9	
A	11/04/2010	0.05	0	0	0	0.05	0.6	0.05	0	0.2	0.45	0	0.15	0	0	0.05	0	0	0.15	0	0	0	0.05	0	0	1.8	
A	12/04/2010	0.05	0	0	0	0.05	0.7	0.05	0	0	0	0.05	0	0	0.05	0	0	0.3	0.4	0	0	0	0.05	0	0	1.7	
A	13/04/2010	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.4	0	0.4	0.1	0	0	0.05	0	0	1.15	
A	14/04/2010	0	0.05	0	0	0.05	0	0	0	0.05	0.35	0.4	0	0	0.05	0.55	0.1	0.35	0	0.7	0	0	0.05	0	0	2.7	
A	15/04/2010	0	0	0.05	0	0	0.05	0	0.1	0.35	0.8	0	0	0.05	0	0	0.05	0	0.45	0	0	0.05	0	0	0	1.95	
A	16/04/2010	0.05	0	0	0	0.05	0	0	0	0.05	0	0.2	0	0.15	0.15	0.05	0	0	0.05	0.35	0.05	0	0	0	0.05	1.2	
A	17/04/2010	0	0	0.05	0	0	0.05	0	0	0.3	0.7	0	0.05	0	0	0.05	0	0.05	0.1	0.35	0.3	0.05	0	0	0.05	2.05	
A	18/04/2010	0	0	0	0.05	0.15	0.55	0.05	0	0	0.15	0.05	0.1	0	0	0.05	0	0.4	0	0	0.05	0	0	0	0	1.6	
A	19/04/2010	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.1	0.25	0.05	0	0.05	0	0	0.5	0.05	0	0	0.05	0	1.2	
A	20/04/2010	0	0	0.05	0	0	0	0.05	0.05	0.7	0.05	0	0	0.05	0	0	0	0.6	0.2	0	0	0.05	0	0	0	1.8	
A	21/04/2010	0.05	0	0	0	0.05	0	0.25	0.4	0	0.05	0	0	0.05	0	0	0.05	0.05	0.4	0	0.05	0	0	0	0	1.4	
A	22/04/2010	0.05	0	0	0.05	0	0	0	0.35	0.05	0.8	0	0.2	0.05	0	0	0.05	0	0.6	0	0	0.05	0	0	0.05	2.25	
A	23/04/2010	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.1	0.1	0	0.05	0.5	0	0.05	0	0	1	
A	24/04/2010	0	0.05	0	0	0	0.05	0.15	0.3	0.35	0.15	0	0.05	0	0	0	0.05	0	0.3	0.4	0.05	0	0	0.05	0	1.95	
A	25/04/2010	0	0	0.05	0	0.25	0.3	0.05	0	0.25	0	0	0.05	0	0	0	0.05	0	0	0.45	0.05	0	0	0	0.05	1.55	
A	26/04/2010	0	0	0.05	0	0	0	0.05	0.25	0.25	0.4	0.15	0	0	0.05	0	0	0.05	0	0	0.05	0	0.05	0	0	1.3	
A	27/04/2010	0.05	0	0	0.05	0	0.4	0	0.05	0.45	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	1.2	
A	28/04/2010	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.45	0.1	0	0.05	0.1	0.05	0.5	0.05	0	0	0.05	0	1.5	
A	29/04/2010	0	0	0.05	0	0	0	0.05	0.3	0.05	0.05	0	0	0.05	0	0	0.1	0.05	0.4	0	0	0	0.05	0	0	1.15	
A	30/04/2010	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.25	0.3	0.2	0.4	0	0	0	0.05	0	1.4	
A	01/05/2010	0.05	0	0	0	0.05	0	0	0	0.5	0.7	0.05	0	0.1	0.2	0	0.05	0	0.25	0.2	0.05	0	0	0	0	2.2	
A	02/05/2010	0.05	0	0	0.05	0	0.3	0.05	0	0	0.05	0	0	0.05	0	0	0.2	0.35	0	0.05	0.05	0	0	0.2	0	1.35	
A	03/05/2010	0	0.05	0	0	0.05	0	0	0	0.05	0.35	0.2	0	0.05	0.2	0.3	0.15	0	0	0.05	0	0	0.05	0	0	1.5	
A	04/05/2010	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0.15	0	0	0	0.05	0	0.45	
A	05/05/2010	0.15	0.55	0.05	0	0	0	0.05	0.6	0	0	0.15	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	1.75	
A	06/05/2010	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.15	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0.45
A	07/05/2010	0	0	0.05	0	0	0.35	0.25	0.05	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0.9
A	08/05/2010	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.2	0.2	0	0.65	0.25	0.05	0	0.05	0	0	0	0.05	1.55	
A	09/05/2010	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0.35	
A	10/05/2010	0	0	0	0.05	0	0	0	0.55	0.05	0	0	0	0.05	0	0	0.25	0	0	0.05	0	0	0	0	0.05	1.05	
A	11/05/2010	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0.1	0.05	0.05	0	0	0	0.45	
A	12/05/2010	0.05	0	0	0	0.05	0	0	0.05	0	0	0.25	0.05	0	0	0.05	0	0	0.45	0	0	0.05	0	0	0		

SITE	DATE	Time of Day Consumption in m3																								
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL
B	21/07/2009	0	0	0	0.1	0	0.4	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0.35	0.2	0	0	0	0	0.55
B	22/07/2009	0	0	0.15	0	0	0.05	0.3	0	0	0.25	0	0	0	0	0	0.15	0	0	0.15	0.05	0.1	0	0	0	0.75
B	23/07/2009	0	0	0.1	0	0	0.05	0.3	0.15	0	0	0.1	0	0	0	0	0	0	0.1	0.15	0.15	0	0	0	0	0.7
B	24/07/2009	0	0.1	0	0	0	0	0.15	0.2	0.1	0.2	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0.75
B	25/07/2009	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	0.25
B	26/07/2009	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0.6	0	0	0.1	0.25
B	27/07/2009	0.05	0	0	0	0	0.2	0.3	0	0	0	0	0	0	0.1	0	0	0.25	0	0	0.15	0	0.25	0	0	0.55
B	28/07/2009	0.2	0	0	0	0	0.25	0.1	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0.65
B	29/07/2009	0.1	0.2	0	0	0	0.3	0.15	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0.9
B	30/07/2009	0	0	0.1	0	0	0	0.5	0	0	0	0	0	0	0	0.1	0	0	0.3	0	0.2	0.15	0	0	0.25	0.6
B	31/07/2009	0	0	0	0	0	0	0.2	0.1	0	0	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0.45
B	01/08/2009	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0.05	0.1	0	0	0.15
B	02/08/2009	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0.25
B	03/08/2009	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0.25
B	04/08/2009	0	0	0	0.15	0	0.25	0.25	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0.15	0	0.65
B	05/08/2009	0	0	0	0	0.1	0	0.35	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0.55
B	06/08/2009	0	0.1	0	0	0	0.2	0.25	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0.65
B	07/08/2009	0	0.1	0	0	0	0	0.3	0.15	0.1	0.1	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0.85
B	08/08/2009	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0.2
B	09/08/2009	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0.15
B	10/08/2009	0	0.15	0	0	0	0	0.45	0.25	0	0	0	0	0	0	0.1	0	0	0	0	0	0.35	0	0	0	0.85
B	11/08/2009	0	0	0.1	0	0	0	0.4	0	0	0	0	0.15	0	0.1	0	0	0	0	0.45	0.35	0	0	0.1	0	0.65
B	12/08/2009	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.05	0.05	0	0	0.35
B	13/08/2009	0	0	0.15	0	0	0.2	0.2	0.15	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.8
B	14/08/2009	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0.25
B	15/08/2009	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0.25
B	16/08/2009	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0.25
B	17/08/2009	0.1	0	0	0	0	0	0.5	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0.6
B	18/08/2009	0	0.15	0	0	0	0.2	0.2	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.1	0	0	0	0.65
B	19/08/2009	0	0.1	0	0	0	0	0.2	0.1	0	0	0	0.15	0.05	0	0	0.1	0.05	0	0	0	0	0	0.1	0	0.6
B	20/08/2009	0	0	0	0	0	0	0.1	0.35	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0.1	0.45
B	21/08/2009	0	0	0	0	0	0.25	0	0	0	0.25	0	0	0.15	0	0	0	0	0	0	0	0.4	0	0.15	0	0.5
B	22/08/2009	0	0	0	0	0.15	0	0.3	0	0	0	0	0	0.1	0	0	0.15	0	0	0	0	0	0	0	0.1	0.55
B	23/08/2009	0	0	0	0	0	0	0.25	0.25	0.05	0.05	0	0	0	0	0	0	0.15	0	0	0.05	0.05	0	0	0	0.55
B	24/08/2009	0	0	0	0.1	0	0.3	0.15	0	0	0	0	0	0.1	0	0	0	0.15	0	0	0.6	0	0	0	0	0.55
B	25/08/2009	0	0.1	0	0	0	0.35	0.05	0.2	0	0	0.1	0	0	0	0	0	0	0	0.1	0.35	0	0	0	0	0.8
B	26/08/2009	0	0.15	0	0	0	0.15	0.3	0	0	0	0	0	0	0	0.1	0	0	0	0.15	0.3	0	0	0	0	0.6
B	27/08/2009	0	0	0.1	0	0	0.15	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0.4
B	28/08/2009	0.1	0	0	0	0	0	0.15	0.25	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0.6
B	29/08/2009	0	0	0	0	0.1	0	0	0	0	0	0.2	0.1	0	0	0	0	0	0	0	0.05	0.05	0	0	0	0.4
B	30/08/2009	0	0.1	0	0	0	0	0	0.05	0.1	0	0	0.15	0	0	0	0	0.4	0.35	0	0.1	0	0	0	0	0.4
B	31/08/2009	0.05	0.1	0	0	0	0.15	0.25	0.25	0	0	0	0	0	0	0.1	0	0	0.15	0	0.25	0	0	0	0.1	0.8
B	01/09/2009	0	0	0	0	0	0.45	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0.35	0	0	0	0	0.55
B	02/09/2009	0.25	0	0	0	0	0.4	0.05	0	0	0.2	0.1	0	0	0	0	0	0	0.25	0	0	0.1	0	0	0	1
B	03/09/2009	0	0	0	0	0.1	0.1	0.25	0	0	0	0	0	0	0.15	0	0	0	0.1	0	0	0	0.15	0	0	0.45
B	04/09/2009	0	0	0	0.1	0	0	0.4	0	0	0.1	0	0	0	0	0	0.1	0	0.1	0.3	0	0	0	0.2	0	0.6
B	05/09/2009	0	0	0	0	0.1	0	0	0.3	0	0	0	0	0	0	0.1	0	0.15	0	0	0	0	0	0	0	0.4
B	06/09/2009	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0.2
B	07/09/2009	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0.55	0.25	0	0	0	0	0.25
B	08/09/2009	0	0	0.1	0	0	0.3	0.2	0	0	0	0	0	0	0.1	0	0	0	0	0.1	0.25	0	0	0	0	0.6
B	09/09/2009	0.05	0.05	0	0	0	0.15	0.35	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0.3	0	0.2	0	0	0.7
B	10/09/2009	0.15	0	0	0.1	0	0.25	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0.15	0	0.65
B	11/09/2009	0	0	0	0	0.1	0	0.25	0	0	0	0	0.15	0	0	0.1	0	0.05	0.1	0	0.3	0	0	0	0	0.5
B	12/09/2009	0	0	0.1	0	0	0	0	0.3	0	0	0.35	0	0	0	0.25	0	0	0	0.1	0	0	0	0	0	0.75
B	13/09/2009	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0.05	0	0	0	0	0.35	0	0	0.15	0.1	0.4
B	14/09/2009	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0.15	0	0	0	0.1	0.15	0	0	0	0	0	0.4
B	15/09/2009	0	0.1	0	0	0	0.3	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0.15	0	0	0	0.65
B	16/09/2009	0	0	0.1	0	0	0.3	0.15	0	0	0.2	0.1	0	0	0	0	0	0	0.1	0.45	0.1	0	0.1	0.25	0	0.85
B	17/09/2009	0.1	0	0	0	0	0	0.35	0	0	0	0	0	0	0.1	0	0	0	0	0.2	0	0	0	0	0	0.45
B	18/09/2009	0.15	0	0	0	0	0.1	0.15	0.2	0	0	0	0	0	0.1	0	0	0	0	0.1	0.2	0	0	0	0	0.6
B	19/09/2009	0	0	0.1	0	0	0	0	0	0.1	0	0.4	0.45	0.1	0.15	0	0	0	0	0	0	0.1	0	0	0	1.15
B	20/09/2009	0	0	0.1	0	0	0	0	0	0.15	0.1	0.15	0	0	0	0	0	0	0.1	0	0.45	0	0	0	0	0.5
B	21/09/2009	0.1	0	0	0	0	0	0.1	0.3	0	0	0	0	0	0	0	0	0	0.1	0	0.35	0	0	0	0	0.

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
B	26/11/2009	0	0.15	0.15	0	0	0	0.15	0.25	0	0	0.25	0	0	0	0	0	0.1	0.15	0	0	0	0	0	0	1.2
B	27/11/2009	0.1	0	0	0	0	0	0.1	0.3	0	0	0.1	0.05	0	0.25	0	0.05	0.05	0	0.25	0.1	0	0	0	0	1.35
B	28/11/2009	0.15	0	0	0	0	0	0	0.1	0.3	0.8	0.2	0	0	0.3	0	0	0	0	0	0	0	0	0.1	0	1.95
B	29/11/2009	0.25	0	0	0	0	0	0	0.1	0	0.45	0.1	0	0	0	0	0.1	0	0.1	0	0.3	0.15	0	0	0	1.55
B	30/11/2009	0	0	0	0	0.1	0	0.2	0.35	0.25	0.1	0	0	0	0	0.15	0	0	0	0	0.15	0.6	0.05	0.1	0	2.05
B	01/12/2009	0	0	0	0	0.1	0	0.25	0.25	0	0	0.1	0	0	0	0	0	0.15	0.15	0	0.8	0	0	0	0	1.8
B	02/12/2009	0.2	0	0	0	0	0	0.25	0.25	0	0	0	0	0.15	0	0	0	0	0.25	0.2	0	0	0	0	0	1.3
B	03/12/2009	0	0.1	0	0	0	0	0.25	0.2	0	0	0	0	0.1	0	0	0	0	0.1	0	0	0	0	0	0	0.75
B	04/12/2009	0.15	0.25	0	0	0	0	0.4	0.05	0.6	0	0	0	0	0	0.1	0	0	0	0.2	0.2	0.55	0.2	0.05	0	2.75
B	05/12/2009	0	0	0	0.05	0.1	0	0	0	0	0.1	0.3	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0.8
B	06/12/2009	0	0	0	0	0	0.15	0	0.25	0.1	0	0	0	0	0	0.15	0	0	0.1	0.15	0.8	0	0.15	0	0	1.85
B	01/01/2010	0	0	0.15	0	0	0	0.15	0	0	0	0	0	0.15	0.6	0.25	0.1	0	0	0	0	0	0	0.15	0	1.55
B	02/01/2010	0	0	0	0	0.15	0	0	0	0.1	0	0.15	0.1	0.4	0.2	0.5	0	0.1	0	0.1	0.2	0.95	0.1	0	0	3.05
B	03/01/2010	0	0	0	0.15	0	0	0	0.4	0.3	0	0	0	0	0.1	0	0	0.8	1.05	0.25	0	0.1	0	0	0	3.15
B	04/01/2010	0	0	0	0.15	0	0	0	0.4	0.3	0	0	0	0	0.15	0	0	0	0.15	0	0	0	0	0.1	0.2	1.45
B	05/01/2010	0	0.3	0	0	0	0	0	0.45	0.25	0.1	0	0	0	0.1	0	0	0	0.15	0	0	0.55	0	0	0.25	2.15
B	06/01/2010	0	0.1	0	0	0	0	0	0.6	0.15	0	0	0.15	0.25	0	0	0	0.15	0	0.15	0	0.55	0	0	0	2.1
B	07/01/2010	0.1	0	0.15	0.15	0	0	0.2	0.4	0	0	0	0	0	0.1	0	0	0.15	0	0.15	0.7	0	0	0	0	2.1
B	08/01/2010	0	0	0.1	0.05	0	0	0.2	0.2	0.15	0	0	0	0	0	0.25	0.2	0	0	0	0	0.15	0	0	0	1.3
B	09/01/2010	0	0.15	0	0	0	0	0.1	0	0.15	0.1	0	0.1	0	0	0	0	0.05	0.1	0.1	0.3	0	0	0.15	1.3	
B	10/01/2010	0	0	0	0	0	0.1	0	0.2	0.35	0.25	0	0	0	0	0.1	0	0	0	0	0.4	0.75	0	0.3	0	2.45
B	11/01/2010	0	0	0	0	0.15	0	0.4	0.3	0	0	0	0	0.15	0	0	0	0	0.1	0.25	0	0.1	0	0	0	1.45
B	12/01/2010	0	0.3	0	0	0	0	0.25	0.25	0	0	0	0	0	0.1	0	0	0	0.1	0.05	0	0.05	0.1	0.3	0	1.5
B	13/01/2010	0	0	0	0	0.1	0	0.35	0.35	0	0	0	0.15	0	0	0	0	0.15	0.15	0	0.4	0.1	0.35	0.25	0	2.35
B	14/01/2010	0.15	0	0	0	0	0	0.5	0.3	0	0	0	0	0.15	0	0	0	0.15	0	0.25	0.25	0.2	0	0	0	1.95
B	15/01/2010	0	0	0	0.1	0	0	0.05	0.45	0	0	0	0.1	0	0.1	0.05	0	0	0.4	0	0.1	0.7	0	0	0	2.05
B	16/01/2010	0.15	0	0	0	0.1	0	0	0	0	0	0.15	0.5	0.7	0	0	0.15	0.15	0.15	0	0.35	0.15	0	0	0	2.55
B	17/01/2010	0	0.1	0	0	0	0	0.15	0.35	0	0.65	0	0	0	0.1	0	0	0	0.2	0.3	0	0	0.3	0	0	2.15
B	18/01/2010	0	0	0	0	0.15	0.15	0.5	0	0	0	0	0	0	0.15	0	0	0.15	0	0.1	0.45	0	0	0	0	1.65
B	19/01/2010	0	0.25	0	0	0	0	0	0.1	0.15	0	0	0	0	0.1	0	0.55	0.05	0	0	0.1	0.15	0	0.25	0	1.7
B	20/01/2010	0.4	0	0	0	0	0	0.05	0.35	0	0.2	0.2	0.15	0.15	0	0	0	0.15	0	0.15	0	0.25	0	0	0	2.05
B	21/01/2010	0	0	0.1	0	0	0	0.1	0.5	0	0.1	0.25	0.3	0	0	0.15	0.15	0.15	0.15	0.45	0.1	0	0.25	0	0	2.6
B	22/01/2010	0	0	0	0	0.1	0	0.05	0.4	0	0	0	0.15	0	0	0.15	0	0.15	0	0.15	0.6	0	0	0	0	1.6
B	23/01/2010	0	0.1	0	0	0	0	0	0	0.15	0.25	0.25	0.15	0.3	0	0	0	0.1	0	0.15	0.15	0.75	0.25	0	0	2.6
B	24/01/2010	0	0	0	0.15	0	0	0	0.4	0.05	0.35	0	0	0	0	0	0	0.15	0	0	0.15	0	0	0.1	0	1.35
B	25/01/2010	0	0.25	0	0	0	0	0.25	0.35	0.15	0.4	0.1	0	0.15	0	0	0	0.1	0	0.1	0.8	0.45	0	0	0	3.1
B	26/01/2010	0	0.15	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0.1	0	0.25	0	0.1	0	0	0	0.9
B	27/01/2010	0	0	0.1	0.05	0	0	0.5	0.25	0	0	0	0.1	0	0	0	0	0.2	0	0	0	0.1	0	0	0	1.3
B	28/01/2010	0.4	0	0	0	0	0.1	0.35	0.25	0.3	0	0	0	0	0	0	0.1	0	0	0.15	0.55	0.1	0	0	0	2.3
B	29/01/2010	0.25	0	0	0	0	0	0.6	0.3	0	0	0	0	0.1	0	0	0	0	0.15	0	0.25	0	0	0	0	1.65
B	30/01/2010	0.1	0	0	0	0	0	0.15	0	0	0.2	0.25	0	0	0	0	0	0.1	0	0.25	0.6	0	0	0	0	1.65
B	31/01/2010	0	0.4	0	0	0	0.1	0.4	0	0	0	0	0	0.05	0.1	0	0	0	0.1	0	0	0.2	0	0	0	1.35
B	01/02/2010	0	0	0	0	0.15	0	0.35	0.4	0.1	0	0	0	0	0.15	0	0	0	0.15	0	0.5	0.15	0	0.1	0	2.05
B	02/02/2010	0	0	0	0	0	0.15	0.55	0.2	0	0	0	0	0.15	0	0	0	0.15	0	0	0	0.15	0	0	0	1.35
B	03/02/2010	0	0.25	0	0	0	0	0.4	0.35	0	0	0.3	0.15	0	0	0	0	0.15	0.25	0.15	0.75	0.15	0	0	0	2.9
B	04/02/2010	0	0.15	0	0	0	0	0.1	0.45	0	0.1	0	0	0	0	0	0	0.15	0	0.2	0	0	0	0	0.1	1.25
B	05/02/2010	0	0	0	0	0	0.2	0.05	0.35	0	0	0	0	0	0.15	0	0	0	0.2	0.15	0.15	0	0	0	0	1.35
B	06/02/2010	0	0	0.1	0.05	0	0	0.1	0	0	0.95	0.65	0	0	0.1	0	0	0.05	0.1	0.4	0	0	0	0	0	2.6
B	07/02/2010	0	0	0	0	0	0.15	0.15	0.2	0	0.15	0.15	0	0	0	0	0.1	0	0.1	0.55	0	0.05	0.3	0.1	0	1.9
B	08/02/2010	0	0	0	0	0	0.1	0.25	0.4	0	0	0.15	0	0	0	0	0	0.1	0	0	0	0.15	0	0	0	1.15
B	09/02/2010	0.1	0.15	0	0	0	0	0.15	0.35	0	0.1	0	0	0	0	0	0.15	0	0.3	0.1	0.2	0	0	0	0	1.6
B	10/02/2010	0	0	0.1	0	0	0	0.4	0.4	0	0	0	0.1	0	0	0	0	0.15	0	0.2	0	0	0.1	0	0	1.45
B	11/02/2010	0	0.15	0	0	0	0	0.15	0.3	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0	0.15	0	1
B	12/02/2010	0.2	0	0	0	0	0.15	0.05	0.9	0	0	0	0	0	0.1	0	0	0	0.15	0	0.15	0.1	0	0	0.15	1.95
B	13/02/2010	0	0.05	0.55	0	0	0	0	0.15	0	0.15	0.35	0	0.15	0	0	0	0	0.1	0	0	0	0.15	0	0	1.65
B	14/02/2010	0	0	0	0	0.15	0	0	0.55	0.15	0	0	0	0	0	0.15	0	0.15	0	0.1	0.2	0	0	0	0.1	1.55
B	15/02/2010	0	0	0	0	0.15	0	0	0	0	0.15	0	0	0.1	0.05	0.25	0.3	0.4	0.3	0	0	0	0.15	0	0	1.85
B	16/02/2010	0	0	0.1	0.05	0	0	0.6	0.2	0	0	0	0.2	0	0	0	0	0.15	0	0	0	0.15	0	0	0	1.45
B	17/02/2010	0.2	0	0	0.35	0	0	0.3	0.35	0	0	0.3	0.15	0	0	0	0	0.1	0	0.35	0	0	0	0.1	0	2.2
B	18/02/2010	0	0	0	0	0.15	0	0	0.35	0	0	0	0	0	0.1	0	0	0	0.2	0.15	0.7	0.25	0	0	0	1.9
B	19/02/2010	0	0	0.15	0	0	0	0.1	0.35	0.2	0	0.15	0	0	0	0	0	0.1	0	0.15						

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
B	23/02/2010	0	0	0	0	0.15	0	0.25	0	0	0	0.15	0	0	0	0	0	0.05	0.1	0	0.25	0.35	0	0	0	1.3
B	24/02/2010	0	0	0.15	0	0	0	0.4	0.4	0	0	0.1	0	0	0	0	0	0.15	0	0.1	0.25	0	0	0	0	1.55
B	25/02/2010	0.15	0	0	0	0	0	0.4	0.35	0.2	0	0	0.15	0	0	0	0	0	0.15	0.1	0.3	0.1	0	0	0	1.9
B	26/02/2010	0.1	0	0	0	0	0	0.15	0.3	0.8	0.1	0	0	0.15	0	0.2	0	0	0.15	0.5	0	0	0	0	0	2.45
B	27/02/2010	0	0.05	0.17	0	0	0.15	0.15	0	0	0	0.25	0	0	0	0.15	0	0	0	0	0.15	0.1	0.1	0.25	0	1.35
B	28/02/2010	0	0	0	0	0.1	0	0	0.45	0.3	0	0	0	0	0	0	0.1	0	0.35	0	0.2	0.35	0	0.3	0	2.15
B	01/03/2010	0	0	0	0	0.1	0.3	0.35	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0	0.15	0	1.15
B	02/03/2010	0	0	0.1	0	0	0	0.3	0.1	0	0	0	0	0.1	0	0	0	0	0	0.25	0.1	0.6	0	0	0	1.55
B	03/03/2010	0	0	0.15	0	0	0	0.5	0.3	0.3	0.15	0.1	0.15	0	0	0	0	0	0.1	0	0	0.25	0	0	0	2
B	04/03/2010	0.1	0	0	0	0	0	0.55	0.3	0.15	0	0	0	0	0	0.1	0	0	0.05	0.1	0	0.1	0	0	0	1.45
B	05/03/2010	0	0.05	0.15	0	0	0	0.4	0.35	0	0	0	0.15	0	0	0	0	0	0.1	0	0.15	0.05	0.6	0	0	2
B	06/03/2010	0	0	0	0.15	0	0	0.45	0.05	0	0	0.4	0.05	0.15	0	0	0	0	0	0.1	0	0	0.15	0	0	1.5
B	07/03/2010	0	0	0.1	0	0	0	0.05	0.6	0.15	0	0	0	0	0	0.1	0	0	0.15	0.1	0.25	0.4	0	0	0	1.9
B	08/03/2010	0	0.1	0	0	0	0	0	0.45	0	0.1	0.35	0	0	0	0	0.1	0	0.25	0	0.3	0.4	0	0	0	2.05
B	09/03/2010	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0.15	0	0	0.75
B	10/03/2010	0	0	0	0	0.15	0	0.5	0.25	0	0	0	0	0	0.1	0	0	0	0.15	0.2	0	0	0.3	0	0	1.65
B	11/03/2010	0	0	0	0.15	0	0	0.3	0	0	0	0	0	0.15	0	0	0	0	0	0.3	0	0.7	0	0	0	1.6
B	12/03/2010	0	0	0.15	0	0	0	0.45	0.15	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0.15	0	0	1.15
B	13/03/2010	0	0	0	0.15	0	0	0	0.1	0	0.25	0.6	0.4	0	0	0	0	0	0.15	0.15	0.25	0	0	0	0	2.05
B	14/03/2010	0	0.15	0	0	0	0	0.25	0.4	0	0	0	0	0	0.15	0	0	0	0.15	0.2	0	0	0	0	0	1.3
B	15/03/2010	0.15	0	0	0	0	0.2	0.45	0	0	0	0.15	0	0.15	0.05	0.1	0.3	0	0	0.1	0.65	0.3	0	0	0	2.6
B	16/03/2010	0	0	0.2	0	0	0.15	0.65	0.1	0	0	0.25	0	0.2	0	0.15	0.2	0	0	0	0	0.25	0.15	0	0	2.3
B	17/03/2010	0	0	0	0	0.1	0	0.5	0.25	0.15	0.15	0.3	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	1.7
B	18/03/2010	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0.15	0	0	0	0	0	0.55
B	19/03/2010	0.15	0	0	0	0	0.1	0	0	0	0	0	0	0.2	0	0	0	0	0	0.1	0	0	0	0	0.15	0.7
B	20/03/2010	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0	0.1	0	0.55
B	21/03/2010	0	0	0	0.2	0	0	0	0.05	0.05	0	0.15	0.35	0.6	0	0	0	0	0	0	0	0.15	0	0	0	1.65
B	22/03/2010	0	0	0	0.1	0	0	0.45	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0.2	1	0.05	0	0.15	2.2
B	23/03/2010	0	0	0	0	0.3	0.3	0	0	0	0	0	0.1	0	0	0	0	0	0.05	0.1	0	0.1	0	0	0	0.95
B	24/03/2010	0.15	0	0	0	0	0.15	0.4	0	0	0	0	0	0.15	0	0	0	0	0	0.3	0	0.05	0.2	0	0	1.4
B	25/03/2010	0	0	0.15	0	0	0	0.65	0.2	0	0.15	0	0	0	0	0	0	0.1	0	0	0.15	0	0	0	0	1.4
B	26/03/2010	0.3	0	0	0	0	0	0.3	0	0	0.15	0	0	0	0	0	0.15	0	0	0.25	0.1	0	0	0	0	1.25
B	27/03/2010	0	0.15	0	0	0	0	0	0.1	0	0.45	0.25	0.15	0	0	0.25	0.15	0	0	0	0	0.1	0	0	0	1.6
B	28/03/2010	0	0	0.15	0	0	0	0.3	0.3	0	0	0	0.1	0	0	0.25	0.05	0	0	0.15	0.4	0.4	0	0.1	0	2.2
B	29/03/2010	0	0	0	0	0	0.35	0.6	0	0	0	0	0.1	0	0	0	0	0	0.15	0.65	0	0	0	0.15	0	2
B	30/03/2010	0	0	0	0	0.1	0	0.4	0	0	0	0	0	0	0.15	0	0	0	0	0.1	0	0.15	0	0	0.1	1
B	31/03/2010	0	0	0	0.15	0	0	0.45	0	0	0.3	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	1.2
B	01/04/2010	0	0.1	0	0	0	0	0.45	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0	0.8
B	02/04/2010	0.1	0	0	0	0	0	0.05	0.1	0	0	0	0	0.2	0.05	0.1	0	0	0.4	0.65	0	0	0	0	0	1.65
B	03/04/2010	0.15	0	0	0	0	0	0.1	0.05	0.25	0.15	0	0	0	0.25	0	0	0	0	0	0	0	0.15	0	0	1.1
B	04/04/2010	0	0	0.1	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0.1	0.15	0.3	0	0	0	0	0	0.1	1
B	05/04/2010	0	0	0	0	0.15	0.35	0	0	0	0	0	0	0.1	0	0	0	0	0	0.05	0.1	0	0.15	0	0	0.9
B	06/04/2010	0	0	0	0.1	0	0.05	0.4	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0.15	0.9
B	07/04/2010	0	0	0	0	0	0.05	0.3	0	0.2	0.15	0	0	0	0	0	0	0.1	0	0.25	0.15	0	0	0	0	1.35
B	08/04/2010	0	0	0	0	0	0.15	0.25	0	0	0.1	0	0	0	0.2	0	0	0	0	0.15	0	0	0	0	0.15	1
B	09/04/2010	0.2	0	0	0	0	0.2	0.45	0	0	0.15	0	0	0	0	0	0.05	0.05	0	0.35	0.2	0	0	0	0	1.65
B	10/04/2010	0.1	0	0	0	0	0	0.15	0	0	0	0	0.1	0	0	0.25	0.2	0.1	0.05	0	0.4	0.35	0.15	0	0.1	1.95
B	11/04/2010	0	0	0	0	0	0	0.2	0.6	0.1	0	0	0	0	0.1	0	0	0.1	0	0	0	0.45	0	0	0	1.55
B	12/04/2010	0	0	0.15	0	0	0.1	0.45	0.25	0	0	0	0	0	0	0	0.1	0	0	0.15	0.6	0	0.2	0	0	2
B	13/04/2010	0	0	0	0	0.1	0.15	0.25	0	0	0	0	0	0	0.1	0	0	0	0.2	0	0.8	0.15	0	0	0	1.75
B	14/04/2010	0	0	0.1	0	0	0.15	0.4	0.15	0.2	0.1	0	0	0	0	0	0.15	0	0	0.35	0	0	0	0.1	0	1.7
B	15/04/2010	0	0	0	0	0	0.15	0.55	0	0	0	0	0.1	0	0	0	0	0	0.15	0.15	0.25	0	0	0	0	1.35
B	16/04/2010	0	0.1	0	0	0	0	0.45	0	0	0.25	0	0	0.1	0	0	0	0	0.1	0	0	0	0	0	0.15	1.15
B	17/04/2010	0	0	0	0	0	0.15	0	0	0.05	0.65	0.2	0	0	0	0.35	0	0	0.1	0.25	0.05	0.25	0	0	0	2.05
B	18/04/2010	0	0	0	0	0.1	0	0	0	0	0.4	0	0	0.1	0	0.15	0	0	0	0	0.4	0	0	0	0	1.15
B	19/04/2010	0.2	0	0	0	0	0.2	0.4	0.3	0	0	0	0	0	0	0	0	0.1	0.25	0.35	0.35	0	0	0	0	2.15
B	20/04/2010	0	0.1	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0.15	0	0	0	0	0.65
B	21/04/2010	0	0	0.1	0	0	0	0.7	0.3	0.1	0	0	0	0	0	0	0	0.15	0	0	0	0	0.1	0	0	1.45
B	22/04/2010	0	0	0	0	0.15	0.2	0.3	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0.15	1.05
B	23/04/2010	0	0	0	0	0.1	0	0.15	0	0	0.65	0	0	0	0.15	0	0	0.1	0	0.35	0	0	0	0	0	1.5
B	24/04/2010	0.1	0	0	0	0	0	0	0.15	0.2	0.35	0	0	0	0.2	0.1	0	0.15	0.1	0.05	0	0	0	0	0	1.4
B	25/04/2010	0.15	0	0	0	0	0	0.05	0.05	0.15	0.35	0	0	0.15	0.15	0	0									

SITE	DATE	Time of Day Consumption in m3																									
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL	
B	28/04/2010	0	0	0.1	0	0	0.35	0.55	0	0	0.05	0.3	0	0.05	0.1	0	0	0	0	0	0.45	0	0	0.15	0	2.1	
B	29/04/2010	0	0	0	0	0.1	0.2	0.3	0	0	0	0.05	0.05	0	0	0	0	0.15	0	0	0.25	0.1	0.25	0	0	1.45	
B	30/04/2010	0	0	0	0	0.1	0	0.45	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0.3	0	0	1.1	
B	01/05/2010	0	0	0	0	0.1	0	0.45	0	0.2	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0	0	0.95	
B	02/05/2010	0	0	0	0.15	0	0	0.3	0	0	0.25	0	0	0	0	0.15	0.15	0	0	0	0.15	0.35	0	0	0.15	1.65	
B	03/05/2010	0	0	0	0	0	0	0.4	0	0	0	0	0	0.1	0	0	0	0	0.1	0	0.45	0.25	0	0.1	0	1.4	
B	04/05/2010	0	0	0	0	0	0.25	0.4	0	0	0	0	0	0	0	0.1	0	0	0.1	0.1	0	0	0.25	0.2	0	1.5	
B	05/05/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0.1	0	0	0	0.15	0	0.4	0.5	0	0	0	1.45	
B	06/05/2010	0	0	0	0	0.1	0.15	0.35	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0.1	0	0	0.25	0	1.25	
B	07/05/2010	0	0	0	0	0	0.15	0.3	0	0	0	0	0	0	0.1	0	0	0.15	0	0	0.1	0	0	0	0.15	0.95	
B	08/05/2010	0	0	0	0	0	0	0.1	0	0.25	0.2	0	0.4	0	0.1	0.15	0	0	0	0	0	0	0.1	0	0	1.3	
B	09/05/2010	0	0	0	0.15	0	0	0	0.1	0.3	0.2	0	0	0	0.1	0	0.15	0.1	0	0	0.3	0.2	0	0	0	1.6	
B	10/05/2010	0	0	0.15	0	0	0.1	0.5	0	0	0	0.1	0	0	0	0	0	0.15	0.1	0.25	0.15	0	0	0	0	1.5	
B	11/05/2010	0	0.1	0	0	0	0.3	0.05	0	0	0	0	0	0.1	0	0	0	0	0.1	0	0.15	0	0	0.35	0	1.15	
B	12/05/2010	0	0	0	0	0	0.2	0.4	0	0	0	0.15	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	1.6	
B	13/05/2010	0	0	0.1	0	0	0	0.45	0.15	0	0	0	0	0	0.15	0	0	0	0.1	0	0.25	0	0	0	0	1.2	
B	14/05/2010	0	0.1	0	0	0	0	0.35	0.15	0	0	0	0	0	0	0.1	0	0	0	0.25	0	0.1	0	0	0	1.05	
B	15/05/2010	0	0	0	0.1	0	0	0.45	0.2	0.1	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.95	
B	16/05/2010	0.1	0	0	0	0	0	0.1	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0.1	0	0	0	0.45	
B	17/05/2010	0	0.15	0	0	0	0	0.45	0.05	0	0	0	0	0	0.1	0	0	0	0.25	0	0.35	0	0	0	0	1.35	
B	18/05/2010	0.1	0	0	0	0	0.4	0.05	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0.8	
B	19/05/2010	0.3	0	0	0	0	0.3	0.25	0	0	0	0	0	0	0	0.1	0	0	0	0.35	0	0.45	0.3	0	0	2.05	
B	20/05/2010	0	0	0.1	0	0	0.4	0.05	0	0	0	0	0	0.05	0.05	0	0	0	0.15	0.1	0.3	0.15	0	0	0	1.35	
B	21/05/2010	0	0	0.15	0	0	0.1	0.35	0	0	0	0	0.05	0.05	0	0	0	0	0	0.15	0.3	0.35	0	0	0	1.5	
B	22/05/2010	0.25	0.05	0	0	0	0	0	0.6	0	0.15	0	0	0	0	0	0	0.1	0.05	0.35	0	0.1	0	0	0	1.65	
B	23/05/2010	0	0	0	0.1	0	0	0	0	0	0.1	0.3	0	0	0.2	0	0	0	0.1	0	0.1	0.9	0	0	0	1.8	
B	24/05/2010	0	0	0	0.1	0	0	0	0	0	0.3	0	0.15	0.05	0.2	0	0	0	0.15	0	0.25	0.25	0	0	0	1.45	
B	25/05/2010	0	0	0	0.1	0	0.3	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0.1	0.25	0	0	0	1	
B	26/05/2010	0	0.15	0	0	0	0.3	0.25	0	0	0.3	0	0	0	0	0.15	0	0	0	0	0.4	0	0.15	0	0	1.7	
B	27/05/2010	0	0	0	0	0.1	0	0.2	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0.55	
B	28/05/2010	0	0	0.15	0	0	0	0.4	0.1	0.05	0	0.1	0.3	0	0	0	0	0	0	0.1	0	0.15	0	0	0	1.35	
B	29/05/2010	0	0	0.1	0	0	0	0	0.15	0	0	0	0.1	0.2	0	0	0	0	0	0.25	0.05	0.3	0.15	0	0	1.3	
B	30/05/2010	0	0	0	0	0	0.1	0	0.2	0.2	0	0	0	0	0	0.1	0	0	0.15	0.1	0	0.15	0	0	0	1	
B	31/05/2010	0	0	0.15	0	0	0.35	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0	0	0	0.15	0.95	
B	01/06/2010	0	0	0	0	0	0.25	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0	0	0.15	0	0	0	0.65	
B	02/06/2010	0	0.15	0.05	0	0	0.35	0.2	0	0	0	0	0	0	0	0.1	0	0	0	0.25	0.25	0.25	0	0	0	1.6	
B	03/06/2010	0	0	0	0.1	0	0	0.15	0.3	0	0.25	0	0	0	0	0	0	0.1	0	0	0	0.1	0	0	0	1	
B	04/06/2010	0	0.2	0	0	0	0.15	0.3	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0.25	0	0	0	1.15	
B	05/06/2010	0	0	0	0	0.1	0.25	0.2	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0.45	0	0.15	0	0	1.4	
B	06/06/2010	0	0	0	0	0	0.3	0.2	0	0	0	0	0	0.65	0.15	0	0.1	0	0	0.1	0	0	0	0	0	1.5	
B	07/06/2010	0.15	0	0	0	0	0	0.3	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0.1	0.8	
B	08/06/2010	0	0	0	0	0	0.4	0.3	0	0.15	0	0.15	0	0	0	0	0	0	0.1	0	0.45	0	0	0	0	0.2	1.75
B	09/06/2010	0	0	0	0	0.1	0.3	0	0	0	0.25	0	0	0	0.15	0	0	0	0	0	0.1	0.1	0.15	0	0	1.15	
B	10/06/2010	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0.2	0	0	0	0	0.55	
B	11/06/2010	0.25	0	0	0	0	0	0.25	0	0	0	0	0	0	0.15	0	0	0	0.2	0	0	0	0.1	0	0	0.95	
B	12/06/2010	0	0	0	0.1	0	0	0	0.25	0.2	0.35	0	0	0	0	0	0	0	0	0.1	0.25	0.35	0.2	0.2	0	0	2
B	13/06/2010	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0	0.2	0	0.1	0	0	0	0.45	0.3	0	1.3
B	14/06/2010	0	0	0	0	0	0.35	0.3	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0.1	0	0	0	0.85	
B	15/06/2010	0	0	0.1	0	0	0.3	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0.1	0	0.5	0	0	0	1.25	
B	16/06/2010	0	0	0.15	0	0	0	0.35	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0.15	0	0	0	0.85	
B	17/06/2010	0	0	0	0	0.1	0.1	0.3	0.15	0	0	0.1	0	0	0	0	0	0	0	0.1	0	0	0	0.1	0	0	0.95
B	18/06/2010	0	0	0	0	0	0.1	0.2	0.3	0	0	0	0	0	0.1	0	0	0	0.1	0.1	0	0	0	0	0	1	
B	19/06/2010	0	0	0	0	0	0.15	0.25	0.15	0.1	0	0	0	0	0.2	0.05	0	0.05	0.1	0.1	0	0	0.1	0	0	1.25	
B	20/06/2010	0	0.15	0	0	0	0.15	0.1	0	0	0	0	0	0	0	0.1	0	0	0	0.2	0	0.75	0.15	0	0	1.6	
B	21/06/2010	0	0.15	0	0	0	0.25	0.2	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.4	0.15	0	0	1.3	
B	22/06/2010	0	0	0	0	0	0.25	0.1	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0.2	0	0	0.15	0	0	0.8
B	23/06/2010	0	0	0	0	0	0.1	0.2	0.15	0.2	0	0	0	0	0.1	0	0	0	0.2	0	0	0	0	0.1	0	1.05	
B	24/06/2010	0	0	0	0	0	0.25	0.35	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0.8	
B	25/06/2010	0	0.15	0	0	0	0	0.25	0.2	0	0.2	0.25	0	0	0	0	0	0	0	0	0.1	0	0	0	0	1.15	
B	26/06/2010	0	0.1	0	0	0	0	0	0.15	0	0	0	0.15	0	0	0.1	0	0	0.05	0.1	0.15	0.05	0.1	0	0	0.95	
B	27/06/2010	0	0	0	0.1	0	0	0	0	0.1	0	0.35	0	0.35	0	0.1	0	0	0	0.1	0.15	0	0.15	0	0	1.65	
B	28/06/2010	0	0	0.1	0	0	0.1	0.35	0	0	0	0	0.1	0	0	0	0	0	0.15	0.3	0	0	0.5	0	0	1.6	
B	29/06/2010																										

SITE	DATE	Time of Day Consumption in m3																								TOTAL		
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00			
B	01/07/2010	0	0	0.15	0	0	0	0	0	0.5	0.2	0.2	0.15	0	0	0.1	0	0	0	0	0	0	0	0.1	0	0	0	1.4
B	02/07/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0	0	0.15	0	0	0	0.4	
B	03/07/2010	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0.5	
B	04/07/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0.35	
B	05/07/2010	0	0	0	0.15	0	0	0.45	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0.85	
B	06/07/2010	0	0	0.15	0	0	0.2	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0.15	0.05	0.1	0	0.9	
B	07/07/2010	0	0	0	0	0	0.1	0.25	0	0	0.15	0	0	0	0	0.1	0	0	0	0	0	0	0	0.1	0	0	0.7	
B	08/07/2010	0.05	0.1	0	0	0	0.2	0.2	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0	0	0.95	
B	09/07/2010	0	0.1	0	0	0	0	0.25	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0.1	0	0.7	
B	10/07/2010	0	0	0	0	0	0.25	0.3	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.55	0	0	0.1	1.3	
B	11/07/2010	0	0	0	0	0	0	0.25	0	0	0.05	0.05	0	0	0.3	0.1	0	0	0	0	0	0	0	0	0	0.1	0.85	
B	12/07/2010	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0.4	
B	13/07/2010	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0.35	
B	14/07/2010	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0	0.4	
B	15/07/2010	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.35	
B	16/07/2010	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.5	
B	17/07/2010	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.05	0.05	0.4	
B	18/07/2010	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0	0	0.4	
B	19/07/2010	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0.35	
B	20/07/2010	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0.5	
B	21/07/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0.4	
B	22/07/2010	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.15	0	0	0	0.4	
B	23/07/2010	0	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0.35	
B	24/07/2010	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.5	
B	25/07/2010	0	0	0	0	0	0	0.15	0	0	0.05	0.35	0	0.15	0	0.25	0	0	0	0	0.1	0	0	0	0.1	0	1.15	
B	26/07/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0.25	0.75	
B	27/07/2010	0	0	0	0	0	0.2	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0.3	0.15	0	0	0	0.25	0	1.15	
B	28/07/2010	0	0	0	0	0	0.3	0	0	0	0	0	0.05	0.05	0	0	0	0	0.15	0	0.15	0.3	0	0	0	0	1	
B	29/07/2010	0.1	0	0	0	0	0.05	0.6	0.05	0	0	0	0	0	0	0	0.1	0	0	0.2	0	0	0	0	0	0	1.1	
B	30/07/2010	0.1	0	0	0	0	0	0	0.1	0	0.45	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.75	
B	31/07/2010	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0.5	
B	01/08/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0.4	
B	02/08/2010	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0.55	0.25	0	0	0.1	1.3		
B	03/08/2010	0	0	0	0	0	0.1	0	0.3	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0.2	0	0	0	0.7	
B	04/08/2010	0	0	0.1	0	0	0	0.1	0	0	0.2	0	0	0	0	0	0	0.15	0	0	0.15	0	0	0	0	0	0.7	
B	05/08/2010	0	0.1	0	0	0	0	0.4	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0.75	
B	06/08/2010	0	0	0.15	0	0	0	0.15	0.2	0	0	0.1	0	0	0	0	0	0	0.05	0.45	0.05	0.15	0	0	0	0	1.3	
B	07/08/2010	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0.35	
B	08/08/2010	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0.2	0.35	0	0	0	0.95	
B	09/08/2010	0	0	0.1	0	0	0	0.4	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0.05	0.2	0	0	0	0.9	
B	10/08/2010	0	0	0.15	0	0	0	0.4	0.1	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0.3	0.1	0.05	0	0	1.25	
B	11/08/2010	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.4	0	0	0.75	
B	12/08/2010	0	0	0.1	0	0	0.2	0.25	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0.05	0	0	0	0.8	
B	13/08/2010	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.35	
B	14/08/2010	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0.55	
B	15/08/2010	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0.25	0	0	0.15	0	0.65	
B	16/08/2010	0	0	0	0	0	0	0.5	0.1	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0.25	0	0.1	0	1.2	
B	17/08/2010	0	0	0	0	0.25	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0.15	0.15	0	0	0	0	0.8	
B	18/08/2010	0.1	0	0	0	0.25	0.2	0.1	0.15	0.1	0.1	0	0	0	0	0	0	0.15	0.15	0	0.15	0.15	0.15	0	0	0	1.5	
B	19/08/2010	0	0	0	0.1	0	0	0.35	0	0	0	0	0	0	0	0.1	0	0	0	0	0.2	0	0	0	0	0	0.75	
B	20/08/2010	0.15	0	0	0	0	0.6	0.15	0.05	0	0.05	0.05	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	1.15	
B	21/08/2010	0	0.15	0	0	0	0	0	0.1	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0.2	0	0	0	0	0.7	
B	22/08/2010	0	0.1	0	0	0	0	0	0.1	0.05	0.1	0.2	0	0.25	0	0	0	0	0	0	0.1	0.45	0	0	0	0	1.35	
B	23/08/2010	0	0	0.1	0	0	0.35	0	0	0	0	0	0	0.1	0	0	0	0	0.1	0	0.05	0.15	0	0	0.1	0	0.95	
B	24/08/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0.4	0	0.2	0	0	1	
B	25/08/2010	0	0	0	0	0.2	0.15	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0.65	
B	26/08/2010	0.1	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0	0.15	0	0	0	0.2	0	0.15	0.1	0	0	0	0.85	
B	27/08/2010	0	0	0	0	0	0.1	0	0	0	0	0	0	0.2	0.05	0	0	0	0	0	0	0.1	0	0	0	0	0.45	
B	28/08/2010	0	0	0.15	0	0	0	0	0.05	0.35	0.15	0	0	0	0.35	0.05	0	0	0	0	0	0.1	0	0	0.2	0	1.4	
B	29/08/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0.1	0	0.2	0	0.65	
B	30/08/2010	0	0	0	0	0.1	0.2	0	0.15	0	0	0	0	0	0	0.15	0	0	0	0.1	0	0	0	0	0	0	0.8	
B	31/08/2010	0	0	0	0	0.35	0.15	0	0	0	0	0	0	0.1														

SITE	DATE	Time of Day Consumption in m3																									
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL	
B	03/09/2010	0.05	0	0	0	0	0	0.25	0	0	0.15	0.3	0	0	0	0.15	0.25	0.25	0	0	0	0	0	0.1	0	0	1.5
B	04/09/2010	0	0	0	0	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.3
B	05/09/2010	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0.5
B	06/09/2010	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0.2	0.55	0.1	0	0	1.2
B	07/09/2010	0	0	0.1	0	0	0	0.25	0	0	0	0	0.05	0.1	0	0	0	0	0.1	0.3	0	0	0	0	0	0	0.9
B	08/09/2010	0	0.15	0.1	0	0	0.2	0.2	0	0	0	0	0	0	0	0.1	0	0	0	0.15	0	0.1	0.1	0	0	0	1.1
B	09/09/2010	0	0	0	0	0.1	0	0.25	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0.4	0.3	0.15	0	0	0	1.45
B	10/09/2010	0	0	0	0	0	0	0.3	0.1	0.35	0	0	0	0	0	0	0	0	0.1	0	0	0.25	0	0	0	0	1.1
B	11/09/2010	0	0	0	0.05	0.05	0	0	0.25	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0.15	0.5	0	0	0	1.25
B	12/09/2010	0	0	0	0	0.05	0.1	0	0	0.3	0	0	0	0.2	0	0	0	0	0	0	0	0.15	0.5	0	0	0	0.8
B	13/09/2010	0	0	0.1	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0.1	0	0.25	0	0	0.1	0	0	0	0.95
B	14/09/2010	0	0	0	0	0.1	0.25	0	0.2	0	0	0	0	0	0.1	0	0	0	0	0	0.25	0	0	0	0	0	0.9
B	15/09/2010	0	0	0.1	0	0	0	0.25	0	0	0.15	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0.9
B	16/09/2010	0	0	0	0	0	0.15	0.25	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.1	0.1	0	0	0.7
B	17/09/2010	0	0	0	0.15	0	0	0.25	0.3	0.6	0.1	0.15	0.15	0	0	0	0	0.1	0.05	0.15	0.15	0.2	0	0.15	0	0	2.5
B	18/09/2010	0	0	0	0	0	0	0.1	0.7	0.05	0.15	0	0	0	0	0	0	0.1	0	0.15	0.7	0	0.15	0.1	0	0	2.2
B	19/09/2010	0.25	0	0	0	0	0	0.15	0.2	0	0.1	0	0	0	0	0	0	0.2	0	0.1	0.25	0	0	0.1	0.2	0	1.55
B	20/09/2010	0	0	0	0	0	0.15	0.25	0	0	0	0	0	0	0.1	0	0	0	0	0	0.2	0	0	0	0	0	0.7
B	21/09/2010	0	0	0.15	0	0	0	0.3	0	0	0	0	0	0	0.1	0	0	0	0.15	0	0	0	0	0	0.15	0	0.85
B	22/09/2010	0	0	0	0	0	0.1	0.25	0.15	0.15	0	0	0	0	0	0	0	0	0.1	0	0.2	0	0	0	0	0	0.95
B	23/09/2010	0	0.1	0	0	0	0.15	0.35	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0.35	0	0	0	0	0	1.4
B	24/09/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0.1	0	0	0	0	0.3	0.2	0	0	0	0	0	0.9
B	25/09/2010	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0.2	0	0	0	0	0	0.55	0.15	0	0	0	0	1.15
B	26/09/2010	0	0.1	0	0	0	0	0	0.35	0	0.1	0.15	0.1	0	0	0	0	0	0.05	0.05	0.05	0.1	0	0	0	0	1.05
B	27/09/2010	0	0	0.1	0	0	0	0.35	0	0	0.1	0	0	0	0	0	0	0	0.1	0.25	0	0	0	0	0.1	0	1
B	28/09/2010	0	0	0	0	0	0.2	0.3	0	0	0	0	0	0	0	0.1	0	0	0.05	0.2	0	0	0.15	0	0	0	1
B	29/09/2010	0	0	0	0	0.1	0.05	0.35	0	0.05	0.65	0.35	0.1	0	0	0	0	0	0.1	0.15	0.15	0	0	0	0	0	2.05
B	30/09/2010	0	0.1	0	0	0	0.4	0.05	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0	0	0.15	0	0	0.9
B	01/10/2010	0	0	0	0	0.35	0.25	0.25	0	0.25	0	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	1.1
B	02/10/2010	0	0	0	0.1	0	0	0	0.4	0.1	0	0	0	0.1	0.3	0	0	0.1	0.1	0.15	0	0	0.1	0.1	0.25	0	1.8
B	03/10/2010	0	0	0	0	0	0	0	0.1	0.1	0.1	0	0.25	0	0	0	0	0	0	0.8	0.15	0	0.25	0	0	0	1.85
B	04/10/2010	0	0	0	0	0	0.25	0.4	0	0	0	0	0	0.1	0	0	0	0	0.15	0.2	0.05	0	0	0	0	0	1.15
B	05/10/2010	0	0.1	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.1	0	0.2	0	0	0	0	0	0.8
B	06/10/2010	0.1	0	0	0	0	0.25	0.1	0.25	0	0	0	0	0	0	0	0	0.15	0.05	0.15	0	0	0	0.1	0	0	1.15
B	07/10/2010	0	0	0	0	0	0.55	0	0	0	0	0.1	0	0	0	0	0	0	0.1	0	0.55	0.2	0	0	0	0	1.5
B	08/10/2010	0	0	0	0.1	0	0	0.65	0	0.15	0	0	0	0	0.15	0.1	0	0	0.15	0	0	0	0	0	0	0	1.3
B	09/10/2010	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0.5
B	10/10/2010	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.35
B	11/10/2010	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	0.6	0	0	0	0	1
B	12/10/2010	0	0.1	0	0	0	0.45	0	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0.1	0.1	0	0	0	1
B	13/10/2010	0	0	0	0	0.15	0.15	0.2	0.15	0	0.25	0.1	0	0.15	0	0	0	0	0.1	0	0	0.35	0	0	0	0	1.6
B	14/10/2010	0	0	0	0	0	0.45	0.2	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0	0	0	0.2	0	0	1.05
B	15/10/2010	0	0	0.05	0.05	0	0	0.2	0.15	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0.1	0	0	0	0.8
B	16/10/2010	0	0	0	0	0	0.15	0	0	0.1	0.2	0.2	0	0	0	0.1	0	0.3	0	0	0	0	0	0.15	0	0	1.2
B	17/10/2010	0	0	0	0	0	0	0.1	0	0	0.35	0	0	0	0	0.1	0	0.15	0	0.2	0.3	0	0	0.2	0	0	1.4
B	18/10/2010	0.1	0	0	0	0	0.25	0.25	0	0	0	0.1	0	0	0	0	0	0	0	0.1	0.15	0	0	0	0	0	0.95
B	19/10/2010	0	0	0	0	0	0.35	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0.15	0.2	0	0	0	0.95
B	20/10/2010	0	0	0	0	0	0.4	0.2	0	0	0	0	0	0.1	0	0	0	0	0.1	0.15	0.05	0	0.15	0	0	0	1.15
B	21/10/2010	0	0	0	0	0	0.1	0	0.25	0	0	0	0	0	0	0	0.15	0	0	0	0.2	0	0	0	0	0	0.7
B	22/10/2010	0	0	0	0	0	0.5	0	0	0	0	0	0	0.15	0	0	0	0	0.1	0.15	0	0	0	0	0	0	0.9
B	23/10/2010	0	0.15	0	0	0	0.1	0.3	0	0.15	0.15	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	1.1
B	24/10/2010	0.1	0	0	0	0	0.3	0.2	0	0	0.15	0.2	0	0	0	0.25	0	0	0	0	0	0	0	0.1	0	0	1.3
B	25/10/2010	0	0	0	0	0.15	0	0.25	0.55	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0.25	0	1.45
B	26/10/2010	0	0	0	0	0	0.35	0.1	0	0	0	0	0	0	0.1	0	0	0.2	0.05	0	0.15	0.15	0	0	0	0	1.1
B	27/10/2010	0	0	0	0.1	0	0	0.3	0	0	0.2	0	0	0	0.1	0	0	0	0.05	0.15	0.05	0.25	0.15	0	0	0	1.35
B	28/10/2010	0	0	0	0	0	0.1	0.55	0	0	0	0	0	0	0.1	0	0	0.15	0.3	0.15	0	0	0.3	0	0	0	1.65
B	29/10/2010	0	0	0	0	0	0.1	0.25	0	0	0	0	0	0	0.1	0	0	0	0.15	0	0	0.2	0	0	0	0	0.8
B	30/10/2010	0	0.1	0	0	0	0	0	0.1	0	0.15	0.25	0.1	0	0.25	0.35	0	0	0	0	0.35	0.15	0	0	0	0	1.8
B	31/10/2010	0	0	0.15	0	0	0	0	0.55	0.15	0.2	0.1	0	0	0.1	0	0	0	0.2	0	0	0.1	0	0	0	0	1.55
B	01/11/2010	0	0	0.05	0.1	0	0.25	0.1	0.15	0	0	0.15	0	0	0	0	0	0	0.1	0.15	0	0	0.15	0	0	0	1.4
B	02/11/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0.15													

SITE	DATE	Time of Day Consumption in m3																								TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00		
B	06/11/2010	0	0.15	0	0	0	0	0.15	0	0.3	0.2	0.05	0.2	0.15	0.15	0	0.2	0	0	0	0	0.1	0	0	1.65		
B	07/11/2010	0	0	0	0.1	0	0	0	0	0.35	0.15	0.15	0	0	0.1	0	0	0	0	0.15	0.4	0.1	0.25	0.15	0	1.9	
B	08/11/2010	0	0	0	0	0.1	0	0.05	0.45	0	0	0	0	0.15	0	0	0	0	0	0.25	0.3	0	0	0	1.3		
B	09/11/2010	0	0	0	0	0	0	0.15	0	0.2	0	0	0	0.05	0.1	0	0	0	0.1	0	0.25	0	0	0	0.85		
B	10/11/2010	0	0	0.1	0	0	0	0.05	0.65	0	0	0	0	0.05	0.1	0	0	0	0	0.15	0	0	0.25	0	1.35		
B	11/11/2010	0	0.15	0	0.1	0	0	0	0.25	0	0	0.15	0	0	0.15	0	0	0	0.1	0.1	0	0	0.1	0	1.1		
B	12/11/2010	0	0	0	0	0.15	0	0	0.35	0	0.3	0	0	0	0	0	0	0.1	0	0	0.25	0	0	0	1.15		
B	13/11/2010	0	0.1	0.05	0	0	0	0	0.15	0	0	0.6	0.1	0	0	0	0.1	0	0.15	0	0.55	0	0	0	1.8		
B	14/11/2010	0	0.1	0	0	0	0	0	0.1	0.25	0	0	0.15	0	0	0	0	0	0.1	0.1	0.9	0	0	0	1.7		
B	15/11/2010	0	0.1	0.2	0.1	0	0	0	0.5	0	0	0	0	0	0.1	0	0	0	0.15	0.1	0	0.05	0.1	0	1.4		
B	16/11/2010	0	0	0	0	0.1	0	0.35	0.2	0	0	0	0	0	0.1	0	0	0	0.15	0.1	0	0.35	0	0	1.35		
B	17/11/2010	0	0.15	0	0	0	0	0	0.6	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0	0	0	1		
B	18/11/2010	0	0	0	0	0	0.45	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0.1	0	0	0	0	0.85		
B	19/11/2010	0	0	0	0	0	0.15	0.25	0.1	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0.15	1.05		
B	20/11/2010	0	0	0	0.15	0	0	0	0.1	0.5	0	0	0	0.15	0	0	0	0	0.15	0.2	0	0	0	0	1.25		
B	21/11/2010	0	0	0	0	0	0	0.15	0	0	0.35	0.15	0.15	0.1	0	0	0	0.15	0.3	0.35	0	0.15	0.5	0	2.35		
B	22/11/2010	0	0	0	0.1	0	0	0.15	0.25	0.25	0	0	0	0	0	0	0	0.1	0	0	0.2	0	0	0	1.05		
B	23/11/2010	0	0.15	0	0	0	0	0.5	0.15	0	0	0	0	0	0.1	0	0	0	0.15	0.1	0	0	0	0	1.15		
C	20/07/2009	0	0	0	0.05	0	0	0.3	0.05	0	0	0	0.05	0	0	0	0.15	0.05	0	0	0	0.05	0.2	0	0.9		
C	21/07/2009	0	0.05	0	0	0	0	0.05	0.35	0	0.2	0	0	0	0	0.05	0	0	0.15	0.25	0.05	0.15	0.05	0	1.45		
C	22/07/2009	0	0	0	0.05	0	0	0.05	0.2	0.15	0	0.05	0	0	0	0	0.15	0	0.05	0	0	0	0.2	0	0.9		
C	23/07/2009	0	0	0	0.05	0	0	0.05	0.1	0	0.05	0.1	0	0.05	0	0	0	0	0.5	0.05	0	0	0.05	0.25	0	1.25	
C	24/07/2009	0.1	0.05	0	0	0	0	0.2	0.3	0	0	0.05	0	0.1	0.05	0	0	0.2	0	0.05	0.15	0	0.05	0	1.55		
C	25/07/2009	0	0	0.05	0	0	0	0.2	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0.45	
C	26/07/2009	0	0	0.05	0	0	0	0	0.2	0.3	0	0	0	0.05	0.2	0.15	0.15	0.05	0	0	0	0.15	0	0	0	1.35	
C	27/07/2009	0	0	0	0.05	0	0	0	0.15	0	0.05	0	0	0.15	0.05	0	0.15	0.1	0.05	0.25	0	0	0	0	1.05		
C	28/07/2009	0	0	0	0	0.05	0	0.2	0.3	0.15	0	0	0	0	0.05	0	0.15	0.1	0	0.1	0.1	0	0	0.05	0.1	1.25	
C	29/07/2009	0	0.05	0	0	0	0	0.05	0	0	0	0.25	0	0.05	0	0.15	0	0	0.1	0.15	0	0	0	0.3	0	1.1	
C	30/07/2009	0	0	0	0.05	0	0	0.15	0.15	0.1	0.05	0.05	0	0	0.15	0	0	0	0.25	0	0	0.05	0	0	0	1	
C	31/07/2009	0	0	0.05	0	0	0	0.15	0.1	0.35	0.15	0	0.05	0	0	0	0	0.05	0	0	0	0.15	0	0.05	0	1.1	
C	01/08/2009	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.15	0.05	0.1	0.05	0	0	0.15	0.05	0	0	0	0	0.65	
C	02/08/2009	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0.15	0.2	0	0	0.15	0	0	0	0.7	
C	03/08/2009	0	0	0.05	0	0	0	0.05	0	0.15	0	0.05	0.3	0	0	0.05	0	0	0.3	0	0	0	0	0.05	0	1	
C	04/08/2009	0	0	0	0.05	0	0	0.1	0.25	0.15	0	0	0	0	0.05	0	0.05	0.1	0.15	0	0.15	0	0.2	0	1.1		
C	05/08/2009	0	0	0.05	0	0	0	0.25	0.2	0	0	0	0.05	0.1	0.2	0	0.15	0	0.2	0.2	0.05	0	0	0	0	1.45	
C	06/08/2009	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0.2	0.15	0	0	0.05	0	0	0	0.05	0	0.65	
C	07/08/2009	0	0	0	0	0.05	0	0.2	0.05	0.35	0.05	0	0	0.05	0	0	0	0.15	0	0	0.15	0	0.05	0	0	1.15	
C	08/08/2009	0	0	0	0.05	0	0	0	0	0.25	0	0.05	0	0.35	0	0	0	0	0.05	0.35	0.1	0	0.2	0	0	1.4	
C	09/08/2009	0	0	0.05	0	0	0	0	0.25	0.25	0.3	0.15	0	0.15	0	0	0.05	0	0.05	0	0	0	0.05	0	0	1.25	
C	10/08/2009	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.25
C	11/08/2009	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	12/08/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	13/08/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	14/08/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	15/08/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	16/08/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	17/08/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	18/08/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	19/08/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	20/08/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	21/08/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	22/08/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.25
C	23/08/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25
C	24/08/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0.25
C	25/08/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0.25	0	0.15	0.05	0	0.15	0	0.05	0	0	0.8
C	26/08/2009	0	0	0	0.05	0	0	0.2	0	0.05	0.2	0	0	0	0.05	0	0	0.15	0.1	0.05	0.1	0.05	0	0.05	0	0	1
C	27/08/2009	0	0	0.05	0	0	0	0.25	0.2	0.15	0.15	0	0.15	0	0	0	0.05	0	0	0.25	0.05	0	0.15	0	0	0	1.45
C	28/08/2009	0	0.05	0	0	0	0	0.3	0.2	0	0	0.05	0.1	0.05	0	0	0.15	0	0	0	0	0	0.25	0	0	0	1.2
C	29/08/2009	0	0	0	0	0.05	0	0	0	0.15	0.15	0.15	0	0	0	0	0.05	0.15	0.3	0	0	0.15	0	0	0	0	1.15
C	30/08/2009	0.05	0	0	0	0.05	0	0	0	0.15	0.05	0	0	0	0	0.05	0	0	0.15	0	0	0.05	0	0	0	0	0.55
C	31/08/2009	0.05	0	0	0	0.05	0	0.4	0.1	0	0	0	0.05	0	0	0	0	0.05	0.25	0	0	0.15	0	0.3	0.15	0	1.55
C	01/09/2009	0																									

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
C	04/09/2009	0	0	0.05	0	0	0	0.2	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0.45	
C	05/09/2009	0	0	0.05	0	0	0	0.05	0	0	0	0	0.15	0	0.05	0	0	0	0	0	0.05	0	0	0.05	0.4	
C	06/09/2009	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0.25	
C	07/09/2009	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0.3	0.05	0.1	0.7	
C	08/09/2009	0	0	0	0	0.05	0	0.2	0.05	0	0	0	0.2	0	0	0	0.05	0.1	0	0.1	0	0	0	0.05	0.9	
C	09/09/2009	0	0	0	0.05	0	0	0.45	0	0.05	0	0	0.05	0	0	0	0	0	0.05	0	0.15	0.05	0.1	0.05	1	
C	10/09/2009	0	0	0	0.05	0	0	0.45	0.1	0	0.15	0.15	0	0.05	0	0	0	0	0.05	0.1	0.15	0.05	0.25	0	1.55	
C	11/09/2009	0.05	0	0	0	0	0.05	0.2	0.15	0	0	0.15	0.05	0.1	0.05	0.1	0.05	0.1	0	0.05	0	0	0	0.05	1.15	
C	12/09/2009	0	0	0	0	0.05	0	0	0.2	0.05	0	0.2	0.15	0	0	0	0.05	0	0	0	0.05	0	0	0	0.75	
C	13/09/2009	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0.1	0.55	0.15	0	0.05	1.3		
C	14/09/2009	0	0.05	0	0	0	0	0.05	0.15	0	0	0	0.15	0	0	0.15	0	0.05	0.15	0	0.05	0	0.1	1		
C	15/09/2009	0	0	0.05	0	0	0	0.3	0	0.05	0	0.4	0	0	0	0.05	0.1	0.05	0.15	0.15	0	0.15	0.05	1.55		
C	16/09/2009	0	0	0	0.05	0	0	0.4	0	0	0	0.05	0	0	0.15	0.15	0.05	0	0	0.05	0.25	0	0.15	1.3		
C	17/09/2009	0	0	0	0.05	0	0.15	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0.2	0.05	0	0.2	0.8		
C	18/09/2009	0	0	0	0.05	0	0	0	0.2	0	0	0	0	0.05	0	0	0	0.15	0	0.3	0.15	0	0	0.95		
C	19/09/2009	0	0	0	0.05	0	0	0	0.2	0	0	0	0	0	0.25	0	0	0	0.15	0.15	0.2	0.05	0	0.05	1.1	
C	20/09/2009	0	0	0	0	0.05	0	0	0.15	0.2	0	0.35	0	0.15	0	0	0.05	0	0.25	0	0.15	0	0	1.35		
C	21/09/2009	0	0.05	0	0	0	0	0.25	0	0.15	0	0	0	0	0.2	0.15	0	0	0.05	0	0	0	0.05	1.05		
C	22/09/2009	0	0	0	0	0.05	0	0.35	0.15	0.2	0	0.1	0.05	0	0	0.15	0.05	0	0	0.3	0	0.05	0	1.45		
C	23/09/2009	0.05	0	0	0	0	0.05	0	0.1	0.05	0	0	0	0	0.05	0	0	0	0.05	0.2	0	0.15	0	0.05	0.75	
C	24/09/2009	0	0	0	0.05	0	0	0.1	0.2	0	0.15	0	0	0.15	0	0	0.15	0	0.15	0.3	0	0.05	0	1.3		
C	25/09/2009	0	0.05	0	0	0	0.05	0.2	0.15	0	0	0	0.05	0	0	0.15	0	0.2	0.1	0.15	0.05	0	0	1.15		
C	26/09/2009	0.05	0	0	0	0.05	0	0	0.15	0.15	0	0.05	0	0	0	0.05	0	0.1	0.2	0	0.15	0	0.05	1		
C	27/09/2009	0	0	0	0.05	0	0	0	0.45	0.2	0.3	0	0	0	0.05	0	0	0	0.3	0	0	0	0.15	1.65		
C	28/09/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0.3	0	0	0.25	0.1	0	0.3	0	0.05	1.15		
C	29/09/2009	0	0	0.05	0	0	0	0.45	0	0	0.05	0.05	0.05	0.05	0.1	0.05	0	0	0.1	0.25	0	0.05	0.25	0	1.65	
C	30/09/2009	0	0.05	0	0	0	0	0.25	0	0.15	0	0.05	0.05	0.1	0.15	0	0	0	0.05	0.4	0.05	0	0	0.05	1.35	
C	01/10/2009	0	0	0	0	0.05	0	0.3	0.15	0	0	0	0.05	0	0	0	0	0.05	0.1	0.2	0.05	0	0	0.05	1	
C	02/10/2009	0	0	0	0.05	0	0.45	0.15	0	0	0.05	0	0	0	0	0.05	0.3	0	0	0.2	0.15	0	0	0.1	1.5	
C	03/10/2009	0.05	0	0	0	0	0.05	0	0	0.15	0	0	0	0.15	0.35	0	0	0.05	0	0	0	0.05	0	0	0.85	
C	04/10/2009	0	0.05	0	0	0	0	0.05	0.4	0.15	0.15	0.15	0.1	0	0	0.05	0	0	0.2	0.05	0.1	0.05	0	0	1.5	
C	05/10/2009	0	0.05	0	0	0	0.05	0.25	0.25	0	0	0	0	0	0.05	0	0	0	0.15	0.45	0	0	0	0.05	1.3	
C	06/10/2009	0	0	0	0.05	0	0	0.2	0.25	0.1	0.05	0	0	0.2	0.25	0	0	0.05	0	0.3	0	0	0	0.15	1.6	
C	07/10/2009	0.05	0	0	0	0	0.05	0.3	0	0.15	0	0.05	0	0	0	0.15	0	0.05	0.15	0.05	0	0	0.2	0	0.05	1.25
C	08/10/2009	0	0	0	0.05	0	0	0.6	0	0.1	0	0.25	0	0	0	0.05	0	0	0.4	0	0	0	0	0.15	0.05	1.65
C	09/10/2009	0	0	0	0	0.05	0	0.35	0	0	0	0.05	0	0	0	0.05	0	0.2	0	0.2	0	0	0	0.15	1.05	
C	10/10/2009	0	0	0.05	0	0	0	0	0.05	0.15	0	0	0	0.05	0	0.4	0.15	0	0	0	0	0.2	0	0.05	1.1	
C	11/10/2009	0	0	0	0.05	0	0	0	0.35	0.1	0	0.05	0.15	0.15	0	0	0	0	0.3	0.25	0	0	0.05	0	1.45	
C	12/10/2009	0	0	0	0.05	0	0	0.25	0.25	0.15	0	0	0	0	0.05	0.1	0.05	0.15	0	0.15	0.2	0	0	0.15	0	1.55
C	13/10/2009	0	0.05	0	0	0	0	0.5	0.1	0.15	0	0.2	0.1	0.1	0.2	0.15	0	0.05	0.3	0.05	0	0.2	0	0	2.15	
C	14/10/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0.15	0	0.3	0	0	0.05	0.1	0.05	0	0.2	0	0	0.95	
C	15/10/2009	0.05	0	0	0	0.05	0	0.55	0	0	0	0.05	0	0.1	0.2	0.05	0	0	0	0.6	0.05	0	0	0.5	2.2	
C	16/10/2009	0	0	0	0.05	0	0	0.3	0	0	0.05	0	0	0	0	0.05	0	0.25	0.1	0.2	0.05	0	0	0	1.05	
C	17/10/2009	0.05	0	0	0	0.05	0	0	0.25	0.1	0	0.05	0.1	0.05	0	0	0	0.05	0.25	0.05	0	0	0	0.05	1.05	
C	18/10/2009	0	0	0	0	0.05	0	0	0.15	0.2	0	0	0.25	0.15	0	0	0	0.3	0.15	0	0	0.15	0.15	0	1.55	
C	19/10/2009	0	0.05	0	0	0	0	0.35	0.15	0	0	0	0	0.05	0.15	0	0.05	0.15	0	0.2	0	0	0	0.05	1.2	
C	20/10/2009	0	0	0	0.05	0	0	0.3	0.3	0.05	0	0	0	0.2	0	0	0	0.05	0.25	0.35	0	0	0	0	0.05	1.6
C	21/10/2009	0	0	0	0	0.05	0.1	0.5	0	0	0	0	0.05	0	0.35	0.05	0	0	0.05	0	0	0.15	0	0.15	1.45	
C	22/10/2009	0	0.05	0	0	0	0.05	0.2	0	0.15	0.3	0	0.15	0	0.15	0.05	0	0	0	0.4	0	0	0.2	0	1.7	
C	23/10/2009	0	0	0.05	0	0	0	0.5	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0.7	
C	24/10/2009	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0.25	
C	25/10/2009	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.15	0.15	0	0.05	0	0.55	
C	26/10/2009	0	0	0.05	0	0	0	0.75	0.35	0	0	0	0.15	0	0.15	0.25	0	0.05	0.15	0	0.1	0	0.2	0	2.2	
C	27/10/2009	0	0	0.05	0	0	0	0.25	0.1	0.35	0	0	0.15	0.15	0.05	0	0	0.05	0.2	0.1	0.05	0	0	0	1.5	
C	28/10/2009	0.05	0	0	0	0	0.05	0.35	0.15	0	0.05	0	0	0	0	0.05	0	0	0.2	0	0	0.15	0	0.05	1.1	
C	29/10/2009	0	0	0	0.05	0	0	0.35	0	0	0	0.05	0	0	0.05	0	0	0	0	0.1	0.1	0	0.15	0	0.85	
C	30/10/2009	0	0.05	0	0	0	0	0.5	0.05	0	0	0	0	0.05	0	0	0	0.05	0.15	0.35	0.15	0	0	0.15	1.5	
C	31/10/2009	0	0.05	0	0	0	0.05	0	0.1	0.15	0.15	0	0.05	0	0.1	0.2	0	0	0	0	0.15	0.2	0	0	0.4	1.6
C	01/11/2009	0	0	0.05	0	0	0	0.05	0.65	0.15	0.2	0.05	0	0	0	0	0.2	0.4	0.2	0.05	0.1	0.15	0	0	2.35	
C	02/11/2009	0.05	0	0	0	0	0.05	0.15	0.25	0.25	0	0	0.15	0.15	0.15	0	0.05	0	0.75	0.1	0.2	0	0	0	2.3	
C	03/11/2009	0.05	0	0	0	0	0	0.2	0	0.3	0	0.2	0.15	0	0.1	0.15	0.15	0.15	0.05	0	0.3	0.05	0	0	2.05	
C	04/11/2009	0	0.05	0	0	0	0	0.05	0.25	0.15	0.15	0.15	0	0.15	0	0.05	0.15									

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
C	07/11/2009	0	0	0	0	0.05	0	0	0	0.4	0.05	0	0.2	0.2	0	0.05	0	0	0	0	0.35	0	0	0.05	0	1.35
C	08/11/2009	0	0	0.05	0	0	0	0	0.05	0.15	0.1	0.1	0.05	0.15	0.2	0	0.05	0	0.2	0	0	0.15	0	0	0.05	1.3
C	09/11/2009	0	0	0	0.05	0	0	0	0	0.1	0.45	0	0	0.2	0.25	0.15	0	0	0.2	0.1	0	0.15	0	0.25	0	2
C	10/11/2009	0	0.05	0	0	0	0.05	0	0.25	0	0.15	0	0.15	0.1	0.15	0	0	0.05	0.1	0.2	0.2	0	0.05	0	1.5	
C	11/11/2009	0	0	0.05	0	0	0	0	0.15	0.15	0.2	0.05	0	0.15	0.3	0.05	0.1	0	0	0	0	0.2	0.1	0	1.5	
C	12/11/2009	0.05	0	0	0	0.05	0	0	0.1	0.3	0	0.25	0.05	0	0.35	0	0.15	0	0	0	0	0	0.05	0.15	1.65	
C	13/11/2009	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0.1	0	0.05	0.3	0	0.1	0	0.15	0	0.2	0.2	0	1.4	
C	14/11/2009	0.05	0	0	0	0	0.05	0	0	0.25	0.05	0	0	0.15	0.25	0.2	0	0	0.05	0	0.5	0.1	0.05	0	1.7	
C	15/11/2009	0	0.05	0	0	0	0	0.05	0	0.45	0.25	0.15	0	0	0.05	0	0	0.15	0.1	0.2	0	0	0.15	0	1.6	
C	16/11/2009	0	0	0.05	0	0	0	0	0.4	0.15	0	0	0.25	0.2	0	0	0.15	0	0.15	0	0.55	0	0	0.3	2.2	
C	17/11/2009	0	0.05	0	0	0	0	0.05	0.4	0.15	0	0	0.15	0	0	0.4	0.15	0	0.05	0.2	0.05	0	0	0.25	1.9	
C	18/11/2009	0	0	0.05	0	0	0	0	0.5	0.05	0.1	0	0	0.2	0	0.1	0.25	0	0	0	0.25	0.2	0	0	1.7	
C	19/11/2009	0	0.05	0	0	0	0	0.05	0.2	0.2	0.15	0.15	0.2	0.15	0	0.05	0	0	0	0.1	0.05	0.05	0	0.15	1.55	
C	20/11/2009	0	0	0	0.05	0	0	0	0.05	0.35	0	0	0.35	0.05	0	0.15	0	0	0	0.05	0	0	0.15	0.05	1.25	
C	21/11/2009	0	0	0.05	0	0	0	0	0.35	0	0	0	0.05	0.25	0.05	0.05	0	0	0	0	0	0.05	0	0	1.15	
C	22/11/2009	0	0.15	0	0.05	0	0	0	0.05	0.15	0	0	0.45	0.05	0	0	0.2	0.1	0	0.05	0.1	0	0	0.05	2.25	
C	23/11/2009	0	0.05	0	0	0	0	0.05	0.2	0.5	0	0	0	0.05	0.15	0	0	0	0.05	0.15	0	0	0	0	1.25	
C	24/11/2009	0	0	0	0	0.05	0	0.35	0	0.25	0	0	0.2	0	0	0.05	0	0.1	0.05	0.25	0.05	0	0	0	1.4	
C	25/11/2009	0	0	0	0	0.05	0	0	0.3	0.25	0	0	0	0.1	0.2	0	0	0.05	0	0.15	0	0	0	0	1.15	
C	26/11/2009	0	0	0	0	0.05	0	0	0.45	0.05	0	0	0.15	0	0	0	0.05	0	0	0.2	0.1	0	0	0.25	1.3	
C	27/11/2009	0	0	0	0.05	0	0	0	0.4	0.3	0	0	0.2	0	0.15	0	0	0	0.15	0.15	0.15	0.15	0	0.15	1.85	
C	28/11/2009	0.2	0.1	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0.15	0	0	0.15	0	0.05	0	0	0.15	0	0.95	
C	29/11/2009	0	0	0.05	0	0	0	0	0.05	0.35	0.15	0	0.05	0	0.3	0.2	0.15	0.2	0	0	0.05	0	0	0.35	2.05	
C	30/11/2009	0	0	0.05	0	0	0	0.05	0.55	0	0	0.05	0	0	0.2	0	0	0	0.05	0	0	0.05	0	0	1.3	
C	01/12/2009	0	0	0.05	0	0	0	0	0.45	0.05	0.1	0	0.05	0	0	0	0	0.05	0	0	0.45	0.05	0	0	1.3	
C	02/12/2009	0.1	0	0.05	0	0	0	0.05	0	0.1	0.05	0	0	0.1	0.15	0	0.05	0	0	0	0.3	0.2	0.1	0	1.3	
C	03/12/2009	0.1	0	0.05	0	0	0	0	0.05	0.1	0.05	0.1	0.25	0	0	0.15	0.2	0	0	0	0.05	0	0	0	1.1	
C	04/12/2009	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0.15	0.05	0	0	0.15	0.05	0.05	0	0	0	0.05	0.65	
C	05/12/2009	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.2	0.05	0	0	0	0	0.05	0	0	0	0	0.45	
C	06/12/2009	0	0	0	0.05	0.2	0	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0.15	0.05	0	0	0.6	
C	01/01/2010	0	0.05	0	0	0	0.2	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	0.45	
C	02/01/2010	0	0.05	0	0	0.2	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	0.45	
C	03/01/2010	0.05	0.2	0	0	0	0.05	0	0	0	0	0.05	0	0	0.3	0.05	0.2	0	0.05	0.1	0	0	0.25	0	1.3	
C	04/01/2010	0.05	0	0	0	0	0.05	0	0.8	0.25	0	0	0.05	0	0	0	0.15	0	0.05	0.35	0.15	0.05	0.25	0.1	2.3	
C	05/01/2010	0.15	0	0	0.05	0	0	0.3	0.15	0	0.05	0	0	0	0.05	0.15	0.05	0.1	0	0	0.05	0.05	0.3	0	1.45	
C	06/01/2010	0	0	0.05	0	0	0	0	0.45	0.45	0.05	0	0.05	0	0	0.05	0.1	0	0	0	0.05	0	0.25	0.1	1.6	
C	07/01/2010	0.05	0	0	0	0.05	0	0.1	0.4	0.2	0.05	0	0	0	0	0.05	0	0.1	0	0.15	0.4	0.05	0	0.55	2.25	
C	08/01/2010	0.05	0	0	0	0	0.05	0	0.7	0	0	0.05	0	0	0	0.15	0	0	0	0.15	0.1	0	0.05	0	1.3	
C	09/01/2010	0	0	0.05	0	0	0	0.05	0.15	0.25	0.05	0	0.4	0.4	0.05	0	0	0	0	0.05	0	0.15	0.05	0	1.65	
C	10/01/2010	0	0	0.05	0	0	0	0	0.05	0.75	0.1	0.1	0.15	0.15	0	0	0	0	0	0	0	0	0	0	1.35	
C	11/01/2010	0	0	0	0	0	0	0	0	0.1	0.6	0	0.1	0.15	0	0	0.05	0.15	0	0	0.15	0.25	0	0	1.55	
C	12/01/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.65	0.55	0	0	1.2	
C	13/01/2010	0.05	0.1	0	0	0.05	0	0	0.8	0.45	0	0	0	0.1	0	0.3	0	0	0.1	0.05	0.15	0.1	0	0.15	2.4	
C	14/01/2010	0.2	0.1	0	0	0	0.05	0	0.25	0.1	0	0.2	0.3	0.1	0	0	0.05	0	0.1	0.05	0.3	0	0.45	0	2.35	
C	15/01/2010	0	0	0.05	0	0	0	0	0.8	0.15	0.05	0	0.1	0.05	0	0	0.05	0	0.2	0.25	0	0.15	0.05	0.2	2.1	
C	16/01/2010	0	0	0.05	0	0	0	0	0.05	0.25	0.1	0.05	0.45	0	0.15	0	0.05	0	0	0	0	0	0	0.15	2.2	
C	17/01/2010	0	0.05	0	0	0	0	0.05	0	0.1	0	0.25	0.45	0.1	0.1	0.2	0.1	0	0.2	0.1	0.15	0.1	0	0.15	2.2	
C	18/01/2010	0	0.05	0	0	0	0.05	0	0.45	0	0	0.05	0.15	0	0	0	0.05	0	0.25	0.2	0.35	0.15	0	0.3	2.05	
C	19/01/2010	0	0	0.05	0	0	0	0	0.5	0.3	0	0.05	0	0	0	0	0.05	0	0.15	0.05	0	0.2	0.15	0.25	1.8	
C	20/01/2010	0	0	0.05	0	0	0	0.05	0.4	0.1	0	0.05	0.1	0	0	0.15	0	0	0	0	0	0.25	0	0.1	1.35	
C	21/01/2010	0.05	0	0	0	0	0.05	0	0.6	0.5	0.15	0	0	0.05	0	0	0.05	0	0.3	0.2	0	0	0.35	0	2.3	
C	22/01/2010	0	0	0.05	0	0	0	0	0.8	0.25	0	0	0.05	0.1	0	0	0.05	0	0	0	0.6	0.05	0	0	1.95	
C	23/01/2010	0.1	0.05	0	0	0	0	0.05	0	0.15	0.6	0.5	0.6	0.05	0	0	0.3	0	0	0	0	0	0	0.1	2.55	
C	24/01/2010	0	0.05	0	0	0	0.05	0	0	0.15	0.1	0.55	0	0	0.05	0.1	0.2	0	0.1	0.45	0.2	0.4	0	0.05	2.45	
C	25/01/2010	0	0	0.05	0	0	0	0	0.1	0.45	0.7	0.1	0	0.15	0.1	0.05	0.1	0	0.1	0.15	0.15	0.05	0.1	0.05	0	2.4
C	26/01/2010	0	0	0.05	0	0	0	0	0.4	0.15	0.25	0.2	0	0	0.15	0.05	0	0.1	0	0	0.1	0.15	0	0	0.25	1.85
C	27/01/2010	0.1	0.15	0	0	0.05	0	0	0.65	0.35	0	0.05	0	0.1	0.05	0	0	0.15	0	0	0.1	0.05	0	0	1.8	
C	28/01/2010	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0.3
C	29/01/2010	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0.25	
C	30/01/2010	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0.25	
C	31/01/2010	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0.25	
C	01/02																									

SITE	DATE	Time of Day Consumption in m3																								TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00		
C	09/04/2010	0	0	0	0.05	0	0	0.65	0.15	0.05	0	0.15	0.15	0	0	0	0	0.05	0.1	0	0.05	0	0.2	0	0	1.6	
C	10/04/2010	0	0.05	0	0	0	0	0.05	0.25	0	0	0	0.55	0.15	0.15	0.1	0	0	0.05	0	0.1	0	0.05	0	0	1.5	
C	11/04/2010	0	0	0.05	0	0	0	0	0.45	0.3	0.2	0.35	0	0	0.1	0.05	0	0	0	0.15	0	0	0	0	0.05	1.7	
C	12/04/2010	0	0	0	0	0.05	0.15	0.4	0.25	0.15	0	0	0.1	0.05	0	0	0	0.1	0	0.05	0	0	0.1	0.05	0	1.45	
C	13/04/2010	0	0	0	0.05	0	0	0.75	0.1	0	0	0	0.05	0	0	0	0	0.05	0	0.25	0.55	0.15	0	0	0	1.95	
C	14/04/2010	0.05	0	0	0	0.05	0	0.4	0	0	0.05	0	0	0.1	0.05	0.2	0.05	0	0.15	0.4	0	0	0.05	0	0	1.55	
C	15/04/2010	0	0	0.05	0	0	0	0.85	0.1	0.05	0	0	0	0	0.05	0	0	0	0.3	0.15	0	0	0	0.3	0	1.85	
C	16/04/2010	0	0	0.05	0	0	0	0.45	0.15	0.25	0.05	0	0	0.15	0	0	0.15	0.15	0	0.2	0.15	0	0.05	0.25	0	2.05	
C	17/04/2010	0	0.05	0	0	0	0.05	0	0.35	0.9	0.15	0.05	0	0	0	0.05	0	0	0.25	0	0.15	0	0	0	0	2.35	
C	18/04/2010	0	0	0	0.05	0	0	0.15	0.75	0.15	0.15	0.25	0	0.2	0.2	0.05	0.1	0.05	0.1	0.05	0.7	0	0.05	0.5	0.05	3.55	
C	19/04/2010	0.05	0	0	0	0	0.05	0	0.35	0.4	0	0	0.15	0	0.15	0.1	0.05	0.1	0.3	0	0.1	0.05	0.1	0.2	0	2.15	
C	20/04/2010	0	0	0	0.05	0	0.15	0.6	0.15	0	0	0.05	0	0	0.05	0	0	0.05	0.1	0.4	0.05	0	0.25	0.15	0	2	
C	21/04/2010	0	0	0	0.05	0	0	0.6	0.2	0	0.05	0.1	0	0	0	0.15	0.1	0	0	0	0.15	0	0	0.25	0.15	1.8	
C	22/04/2010	0	0	0.05	0	0	0	0.55	0.35	0.25	0.1	0.15	0.05	0	0	0	0	0.05	0	0.15	0.6	0	0	0	0.05	2.35	
C	23/04/2010	0	0	0	0	0.05	0	0.35	0.15	0.1	0.05	0	0	0	0	0.05	0	0	0.15	0.15	0.15	0.4	0	0	0.05	1.65	
C	24/04/2010	0	0	0	0	0.05	0	0	0.15	0	0	0.05	0	0	0.1	0.3	0.15	0	0.35	0	0.05	0.3	0.05	0	0	1.55	
C	25/04/2010	0	0.05	0	0	0	0	0.05	0.25	0.3	0.15	0.1	0.15	0	0.15	0	0	0.15	0	0.1	0.45	0	0	0.05	0	1.95	
C	26/04/2010	0	0	0	0.05	0	0	0.65	0.15	0.05	0	0	0.25	0.1	0.05	0	0	0	0.05	0.3	0	0	0.05	0	0	1.7	
C	27/04/2010	0	0	0.05	0	0	0	0.3	0.1	0	0	0	0.05	0	0	0	0	0.05	0.15	0.2	0	0.05	0	0	0.15	1.1	
C	28/04/2010	0	0	0	0	0.05	0	0.35	0.4	0	0	0.05	0.15	0	0	0	0.05	0	0	0.4	0	0	0	0.05	0	1.5	
C	29/04/2010	0	0	0.05	0	0	0.05	0.4	0.15	0	0	0	0	0.05	0	0	0	0.4	0.3	0.05	0	0	0	0	0.05	1.5	
C	30/04/2010	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0.25
C	01/05/2010	0	0	0	0	0.05	0	0	0	0	0.05	0.15	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.4
C	02/05/2010	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0.05	0	0.2	0	0	0	0	0.05	0	0	0.45	
C	03/05/2010	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.45	0	0.05	0	0	0.7	
C	04/05/2010	0	0	0.05	0	0	0.2	0.35	0	0	0.05	0	0	0.05	0	0	0	0	0.15	0	0.15	0.15	0.1	0.1	0	1.25	
C	05/05/2010	0	0.05	0	0	0	0	0.6	0.15	0	0	0.1	0.05	0	0	0.15	0.15	0	0.05	0.05	0.05	0.2	0	0	0	1.6	
C	06/05/2010	0.05	0	0	0	0.05	0.05	0.25	0	0.1	0.1	0.2	0	0	0.05	0	0	0	0.1	0.25	0.05	0	0	0	0.05	1.3	
C	07/05/2010	0	0	0	0	0.05	0	0.35	0.45	0.2	0	0	0	0.05	0	0	0	0.2	0.15	0.05	0	0	0	0	0	1.5	
C	08/05/2010	0.05	0	0	0	0	0.05	0	0.15	0.4	0.15	0	0.15	0.2	0.05	0	0.05	0.15	0	0	0.15	0	0	0	0	1.55	
C	09/05/2010	0.05	0	0	0	0.05	0	0.15	0.6	0	0	0	0.15	0	0	0.25	0.25	0	0.15	0	0	0.45	0.05	0	0	2.15	
C	10/05/2010	0	0	0.05	0	0	0.15	0.25	0.1	0.15	0.15	0	0	0	0.05	0	0	0.05	0.75	0.15	0	0	0.05	0	0	1.9	
C	11/05/2010	0	0	0	0.05	0	0.1	0.2	0.1	0	0	0.05	0	0	0.05	0	0	0.25	0.15	0.2	0	0	0	0	0.05	1.2	
C	12/05/2010	0	0	0	0	0.05	0	0.3	0.45	0	0	0	0.05	0	0	0	0.2	0.3	0.55	0	0.1	0.05	0	0	0	2.05	
C	13/05/2010	0	0	0.05	0	0	0	0.4	0.15	0	0	0	0	0.05	0	0	0	0.25	0.1	0	0.2	0	0.4	0	0	1.6	
C	14/05/2010	0	0	0.05	0	0	0	0.35	0.4	0.15	0	0	0	0.05	0	0	0	0.05	0	0.2	0.05	0.05	0	0	0	1.35	
C	15/05/2010	0	0.05	0	0	0	0	0.05	0.1	0	0.5	0.35	0	0.05	0	0.1	0	0.15	0.15	0	0	0.05	0	0	0.15	1.85	
C	16/05/2010	0.1	0	0	0	0.05	0	0.45	0.2	0.1	0	0.25	0	0	0	0	0	0.15	0	0.5	0.1	0	0	0	0.15	2.05	
C	17/05/2010	0	0	0	0.05	0	0	0.25	0.05	0.3	0	0.05	0.1	0	0.1	0	0.05	0	0.1	0	0.1	0	0.05	0	0	1.2	
C	18/05/2010	0	0.05	0	0	0	0	0.6	0.15	0.1	0.05	0	0	0	0	0.05	0	0	0.2	0.3	0.25	0	0	0	0.05	1.8	
C	19/05/2010	0	0	0	0.05	0	0.1	0.25	0.2	0.4	0	0	0.3	0	0.05	0	0	0	0	0	0.05	0	0	0	0	1.4	
C	20/05/2010	0.05	0	0	0	0.05	0	0.3	0.15	0.45	0.1	0.15	0.05	0	0	0	0.15	0	0.05	0.35	0	0	0	0	0	1.85	
C	21/05/2010	0.05	0	0	0	0	0.05	0.4	0.4	0.1	0.05	0.1	0.05	0	0	0	0.15	0	0.05	0	0.15	0	0	0	0	1.55	
C	22/05/2010	0.05	0	0	0	0	0.05	0.15	0	0.2	0	0	0.25	0.3	0	0	0	0.05	0	0.25	0.25	0.05	0	0	0	1.6	
C	23/05/2010	0.05	0	0	0	0	0.05	0	0.55	0.1	0	0	0	0	0.05	0.25	0.1	0.2	0.15	0	0.1	0.1	0.05	0	0	1.75	
C	24/05/2010	0	0	0.05	0	0	0	0.25	0.3	0.1	0.05	0	0	0.1	0.05	0	0	0	0.35	0	0	0.05	0	0	0	1.3	
C	25/05/2010	0	0	0.05	0	0	0	0.35	0.25	0	0	0	0	0.05	0	0	0	0.15	0.1	0.05	0	0	0	0.15	0.1	1.25	
C	26/05/2010	0.05	0	0	0	0	0.05	0.25	0.1	0.15	0	0	0	0.05	0	0	0	0.15	0	0.3	0.15	0	0	0.1	0	1.35	
C	27/05/2010	0.05	0	0	0	0	0.05	0.35	0.15	0.05	0	0	0	0	0.05	0	0	0.1	0.15	0.05	0.25	0	0.05	0	0	1.3	
C	28/05/2010	0	0	0	0.05	0	0.2	0.05	0.2	0.1	0.15	0	0	0	0.05	0	0	0.15	0	0	0	0	0	0	0	1	
C	29/05/2010	0	0	0	0.05	0	0	0.15	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.35	
C	30/05/2010	0	0.05	0	0	0	0	0.05	0.3	0.05	0	0.2	0	0.05	0	0	0	0.15	0.15	0.2	0.05	0.05	0	0	0	1.3	
C	31/05/2010	0	0.05	0	0	0	0	0.5	0.05	0	0	0.05	0.1	0	0	0.05	0.1	0.1	0.05	0.05	0.15	0.15	0	0	0.05	1.45	
C	01/06/2010	0	0	0	0.05	0	0.15	0.35	0	0.05	0	0	0.05	0	0	0	0.05	0	0.05	0.15	0.1	0.15	0.1	0.05	0	1.25	
C	02/06/2010	0	0	0	0.05	0	0	0.1	0	0.05	0.2	0	0	0.05	0	0	0.1	0.05	0.2	0.05	0.15	0	0	0	0	1	
C	03/06/2010	0.05	0	0	0	0.05	0.1	0.25	0.2	0.1	0.15	0	0	0	0	0.05	0	0.15	0.2	0.15	0	0	0.05	0	0	1.6	
C	04/06/2010	0	0	0.05	0	0	0	0.4	0.1	0.05	0	0	0.1	0.05	0	0	0.1	0.05	0.1	0	0.25	0.05	0	0	0	1.3	
C	05/06/2010	0	0.05	0	0	0	0.05	0	0.35	0	0.1	0.05	0	0	0	0.4	0	0.1	0.05	0.15	0.2	0	0	0	0	1.5	
C	06/06/2010	0.05	0	0	0	0	0.05	0	0.1	0.3	0	0.1	0.2	0.35	0	0.05	0.1	0.15	0	0	0	0.15</					

SITE	DATE	Time of Day Consumption in m3																								
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL
C	15/08/2010	0.05	0	0	0	0	0.05	0	0.25	0.5	0.15	0	0.05	0	0.15	0.05	0	0.2	0.3	0.1	0	0	0.05	0	0	1.9
C	16/08/2010	0	0	0.05	0	0	0	0.25	0	0.05	0	0	0	0	0.05	0	0	0	0.15	0.1	0.05	0	0.25	0	0.15	1.1
C	17/08/2010	0.1	0	0.05	0	0	0	0.3	0	0	0.05	0	0	0	0	0.05	0	0	0.15	0.05	0.35	0.05	0	0	0	1.15
C	18/08/2010	0	0.05	0	0	0	0.05	0	0	0	0.15	0	0	0	0	0.05	0	0	0.15	0	0.2	0	0.05	0	0	0.7
C	19/08/2010	0	0	0.05	0	0	0	0	0.3	0	0	0.05	0	0	0	0	0	0.35	0.1	0.15	0	0	0	0.05	0	1.05
C	20/08/2010	0	0	0	0.05	0	0	0.15	0.3	0	0.1	0	0.05	0	0	0	0.05	0	0	0.1	0	0.15	0.05	0	0	1
C	21/08/2010	0	0	0.05	0	0	0	0.3	0.15	0.1	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0.8
C	22/08/2010	0	0	0	0	0.05	0	0	0	0.15	0.15	0	0	0	0	0.05	0.1	0	0.2	0.05	0	0	0	0.15	0	0.9
C	23/08/2010	0	0	0.05	0	0	0.05	0.35	0.35	0.05	0.1	0	0	0.05	0	0	0	0.05	0	0.1	0	0.15	0	0.05	0	1.35
C	24/08/2010	0	0	0	0.05	0	0	0.25	0.15	0.05	0	0	0	0	0.05	0	0	0	0.15	0.05	0.05	0	0	0	0.05	0.85
C	25/08/2010	0	0	0	0	0.05	0.4	0.45	0	0	0.05	0	0.15	0	0.05	0	0	0	0.3	0	0	0	0	0.05	0	1.5
C	26/08/2010	0	0	0	0.05	0	0	0.3	0	0.15	0	0	0	0	0.05	0	0	0	0.05	0.1	0.05	0	0.1	0.3	0.15	1.15
C	27/08/2010	0	0	0	0	0.05	0	0.2	0.15	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0.55
C	28/08/2010	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.25
C	29/08/2010	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.25
C	30/08/2010	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.25
C	31/08/2010	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.25
C	01/09/2010	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25
C	02/09/2010	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.25
C	03/09/2010	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0.3
C	04/09/2010	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0.25
C	05/09/2010	0	0	0	0	0.05	0	0	0	0	0.2	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0.4
C	06/09/2010	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0.25
C	07/09/2010	0.05	0	0	0	0	0.05	0	0	0	0	0.2	0	0.05	0	0	0.1	0.15	0	0.05	0.15	0	0	0.05	0	0.85
C	08/09/2010	0	0	0	0.05	0	0	0.3	0.25	0.1	0	0	0.05	0	0	0.1	0.05	0	0	0	0.2	0.25	0.1	0.05	0.05	1.55
C	09/09/2010	0	0	0	0	0.05	0	0.15	0.15	0	0.15	0.1	0	0	0.05	0	0	0	0	0.15	0.05	0	0	0	0	0.85
C	10/09/2010	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0.15	0.05	0	0	0	0	0	0.05	0	0	0.05	0	0	0.45
C	11/09/2010	0	0	0.05	0	0.1	0.1	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0.2	0	0.6
C	12/09/2010	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0.15	0.05	0.2	0	0.2	0.15	0	0	0	0	0.9
C	13/09/2010	0.05	0	0	0	0.05	0	0.3	0.2	0	0	0.05	0	0	0.15	0	0	0.15	0.15	0.1	0.2	0.15	0	0	0.05	1.6
C	14/09/2010	0	0	0	0	0.05	0	0.5	0.1	0	0	0.05	0	0	0	0.05	0	0.15	0	0	0	0.05	0	0.1	0.05	1.1
C	15/09/2010	0	0	0	0	0.05	0	0.25	0	0	0	0	0.05	0	0	0.2	0	0	0	0.15	0	0	0	0.15	0.1	0.95
C	16/09/2010	0	0.05	0	0	0	0	0.35	0.3	0	0.05	0.3	0	0.05	0	0	0	0.15	0	0	0	0.05	0	0	0	1.3
C	17/09/2010	0	0	0.05	0	0	0	0.4	0.3	0	0.05	0	0	0	0	0.05	0	0	0.4	0	0	0.15	0	0	0	1.4
C	18/09/2010	0.05	0	0	0	0	0.05	0	0.45	0.1	0.05	0.1	0.15	0.25	0	0.1	0	0.05	0	0.15	0	0	0	0.15	0	1.65
C	19/09/2010	0	0	0	0.05	0	0	0	0.05	0.35	0	0.15	0.25	0.3	0.35	0.1	0.1	0.25	0.2	0	0.05	0	0	0	0	2.2
C	20/09/2010	0.05	0	0	0	0.05	0	0.25	0	0	0.15	0	0.05	0	0	0.1	0.15	0.05	0	0	0.05	0.1	0.05	0	0	1.05
C	21/09/2010	0	0	0	0.05	0	0	0.3	0.1	0	0	0.05	0	0	0.05	0.1	0	0.05	0.3	0.05	0	0	0.1	0.05	0	1.2
C	22/09/2010	0	0	0	0	0.15	0.15	0	0.15	0.55	0	0.05	0.1	0.05	0	0	0	0.15	0.05	0	0	0	0	0	0.05	1.45
C	23/09/2010	0	0	0	0	0.05	0	0.3	0.2	0.1	0	0.3	0.15	0	0	0.15	0	0	0.15	0.05	0	0.05	0	0	0	1.5
C	24/09/2010	0	0.05	0	0	0	0.05	0.3	0.05	0.4	0.1	0	0.05	0	0	0	0	0.05	0.1	0	0	0.05	0	0	0	1.2
C	25/09/2010	0	0.05	0	0	0	0	0.05	0.15	0	0	0.1	0.05	0	0	0.15	0.1	0	0.1	0.2	0	0	0.05	0	0	1
C	26/09/2010	0	0.05	0	0	0	0	0.15	0.3	0.25	0	0	0.45	0	0	0	0.1	0.3	0	0	0	0	0.05	0	0	1.65
C	27/09/2010	0	0	0.05	0	0	0	0.35	0	0.05	0	0.1	0.05	0	0.1	0	0.2	0.25	0.2	0	0.05	0	0	0	0	1.4
C	28/09/2010	0.05	0	0	0	0	0.05	0.2	0.25	0	0.05	0	0.25	0	0	0.05	0.15	0.3	0	0.05	0	0	0	0	0.05	1.45
C	29/09/2010	0	0	0	0	0.05	0	0.3	0	0	0	0.25	0.2	0.1	0	0.15	0.25	0.05	0.1	0	0.05	0	0	0	0	1.5
C	30/09/2010	0.05	0	0	0	0.05	0	0.25	0.05	0	0	0	0.15	0.55	0	0	0.2	0	0.1	0.05	0	0	0	0	0.05	1.5
C	01/10/2010	0	0	0	0	0.05	0	0.1	0.05	0	0	0	0.15	0.4	0	0.05	0	0	0.15	0	0	0	0	0.05	0	1
C	02/10/2010	0	0	0	0.05	0	0	0	0.15	0	0	0.05	0	0	0.5	0.2	0.1	0	0.05	0.2	0	0	0	0	0.05	1.35
C	03/10/2010	0	0	0	0	0.05	0	0.15	0	0.15	0	0	0.3	0	0.25	0.05	0	0.55	0	0.1	0	0.2	0	0.05	0	1.85
C	04/10/2010	0	0	0	0.05	0	0	0.1	0.4	0	0	0	0.05	0.25	0.15	0	0.15	0	0.05	0.25	0	0	0.05	0	0	1.5
C	05/10/2010	0	0	0.05	0	0	0	0.3	0.15	0	0	0	0	0.05	0.3	0.15	0	0	0.2	0.15	0	0	0.05	0	0	1.4
C	06/10/2010	0	0	0.05	0	0	0	0	0.3	0	0.25	0.2	0.05	0	0.05	0	0	0.15	0	0	0	0	0.05	0	0	1.1
C	07/10/2010	0	0	0.05	0	0	0	0.05	0.3	0.25	0.25	0.15	0.1	0.4	0.05	0	0	0	0.3	0.05	0	0	0	0	0	1.95
C	08/10/2010	0.05	0	0	0	0	0.05	0.1	0.2	0.2	0	0	0.05	0	0	0	0.25	0.3	0.1	0	0	0	0.05	0	0	1.35
C	09/10/2010	0	0	0	0.05	0	0	0.2	0	0.2	0.05	0.4	0	0.15	0	0	0	0.05	0	0.4	0.2	0	0	0	0.05	1.75
C	10/10/2010	0	0	0	0	0.05	0	0	0.2	0.15	0	0	0.2	0	0.25	0.1	0.05	0	0.25	0.25	0	0	0.05	0	0	1.55
C	11/10/2010	0	0.05	0	0	0	0	0.05	0	0	0.15	0.15	0	0	0.05	0	0.15	0.2	0.15	0	0	0.05	0.05	0.05	0	1.1
C	12/10/2010	0	0.05	0	0	0	0.15	0.45	0.1	0.15	0	0	0	0	0.05	0	0	0	0.05	0.25	0.05	0	0	0.2	0	1.5
C	13/10/2010	0	0	0.05	0	0	0	0.05	0	0.35	0	0	0.05	0	0	0.05	0.1	0.15	0	0	0.05	0	0	0	0	0.85
C																										

SITE	DATE	Time of Day Consumption in m3																							TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		24:00
D	29/06/2009	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.05	0	0	0.55	
D	30/06/2009	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0.5	
D	01/07/2009	0	0	0	0	0	0	0	0	0.05	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0.3	
D	02/07/2009	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0.05	0	0	0.55	
D	03/07/2009	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0.5	
D	04/07/2009	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0.25	0	0	0	0	0	0	0	0	0.3	
D	05/07/2009	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0.05	0.55	
D	06/07/2009	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	
D	07/07/2009	0.25	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.2	0.05	0	0	0	0	0	0	0	0.55	
D	08/07/2009	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.5	
D	09/07/2009	0	0	0	0	0.1	0.25	0	0	0.55	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	1.1	
D	10/07/2009	0.05	0	0.05	0.15	0	0	0.2	0.2	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.7	
D	11/07/2009	0.2	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.5	
D	12/07/2009	0.25	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.9	
D	13/07/2009	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0.25	0.55	
D	14/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.25	0.5	
D	15/07/2009	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0.5	
D	16/07/2009	0	0	0.25	0.05	0	0	0	0	0.2	0	0	0	0	0	0.05	0	0	0	0	0	0	0.2	0	0.75	
D	17/07/2009	0	0	0	0.05	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0.3	
D	18/07/2009	0	0	0	0.25	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.25	0	0	0	0	0.55	
D	19/07/2009	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0.5	
D	20/07/2009	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.3	
D	21/07/2009	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.1	0.6	0	0	1.1	
D	22/07/2009	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.55	
D	23/07/2009	0	0	0	0	0	0	0	0.05	0.2	0	0.05	0	0	0	0	0	0	0	0	0	0	0.25	0	0.55	
D	24/07/2009	0	0	0	0	0	0	0.3	0.1	0	0	0	0	0	0	0	0	0	0	0.15	0.35	0	0	0	0.9	
D	25/07/2009	0	0	0	0	0.05	0	0	0	0	0	0.25	0	0	0	0	0	0	0.25	0	0	0	0	0.2	0.75	
D	26/07/2009	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0.15	0.6	0	0	0	0	0	0	0	1.05	
D	27/07/2009	0	0	0	0	0	0.25	0	0.25	0	0.25	0	0	0.4	0.2	0	0	0	0	0	0	0	0	0	1.1	
D	28/07/2009	0	0	0	0.05	0.2	0	0	0	0	0.5	0.45	0	0	0	0	0	0	0	0	0	0	0	0	1.2	
D	29/07/2009	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0.05	0.55	
D	30/07/2009	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	
D	31/07/2009	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.2	0.35	0.2	0	0	0	0	0	1.05	
D	01/08/2009	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0.1	0.1	0.25	0	0	0	0	0	0	0.75	
D	02/08/2009	0	0	0	0	0	0.05	0	0	0	0	0.3	0.05	0	0	0.25	0	0	0	0	0	0	0	0	0.65	
D	03/08/2009	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0.2	0	0	0	0.7	
D	04/08/2009	0	0	0	0	0	0	0.25	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0.75	
D	05/08/2009	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.3	
D	06/08/2009	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0.55	
D	07/08/2009	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0.05	0	0	0	0.3	
D	08/08/2009	0	0.25	0	0	0	0	0	0.45	0.3	0	0.05	0	0	0	0	0	0	0	0	0.05	0.25	0	0	1.35	
D	09/08/2009	0	0.25	0	0	0.05	0	0	0	0	0	0.25	0.2	0	0	0	0	0	0	0	0	0	0	0	0.85	
D	10/08/2009	0.15	0	0	0	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0	0	0	0	0.25	0	0.65	
D	11/08/2009	0	0	0	0	0	0	0	0	0.55	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.75	
D	12/08/2009	0	0.15	0.35	0	0.05	0	0	0	0	0	0	0	0.1	0.1	0.3	0	0	0	0	0.25	0	0	0	1.3	
D	13/08/2009	0	0	0	0	0	0	0	0	0	0.4	0	0.05	0	0	0	0	0	0.3	0	0.05	0	0	0	0.8	
D	14/08/2009	0	0.2	0	0	0	0	0	0	0.2	0	0.35	0	0	0.25	0	0	0	0.3	0.45	0.15	0.1	0	0	2	
D	15/08/2009	0.2	0	0	0	0	0	0	0	0.25	0	0.45	0	0	0.6	0.1	0	0	0	0	0	0	0	0	1.6	
D	16/08/2009	0	0	0	0	0	0	0.25	0	0	0	0.2	0	0	0.05	0.3	0	0	0	0	0	0	0	0	0.8	
D	17/08/2009	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.2	0	0	0	0.05	0.2	0.7	
D	18/08/2009	0	0	0	0	0	0	0	0	0.45	0	0.3	0	0	0	0	0	0	0	0.05	0.2	0	0	0	1	
D	19/08/2009	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0	0.05	0	0	0	0	0	0	0	0	0.2	0.65
D	20/08/2009	0	0	0	0	0	0.2	0.05	0	0	0	0	0.2	0.3	0.05	0	0	0	0	0	0	0	0	0	0.8	
D	21/08/2009	0	0.25	0	0.05	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0.25	0	0	0	0	1.05	
D	22/08/2009	0	0	0	0	0	0	0.05	0	0.1	0.1	0	0	0.35	0	0	0	0.25	0	0.3	0.1	0	0.3	0	1.55	
D	23/08/2009	0	0	0	0	0	0	0	0	0.1	0.25	0.1	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0.55	
D	24/08/2009	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0.6	0	0.05	0	0	0	1.1	
D	25/08/2009	0	0	0	0	0	0	0	0.25	0	0	0	0	0.3	0	0	0	0.2	0	0.2	0.25	0	0	0	1.2	
D	26/08/2009	0	0	0	0	0	0	0	0	0.25	0.05	0	0	0.2	0	0.25	0	0	0.15	0	0	0	0	0	1.05	
D	27/08/2009	0	0	0	0	0	0	0	0	0	0.5	0.6	0	0	0.25	0	0	0	0	0	0	0	0	0	1.35	
D	28/08/2009	0	0.05	0	0.1	0.1	0	0	0	0	0	0	0.3	0	0	0	0.05	0	0	0	0	0	0.5	0.2	1.3	
D	29/08/2009	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0.5	
D	30/08/2009	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0.15	0.2	0	0.6	
D	31/08/2009	0	0	0	0	0	0	0	0.05	0	0.2	0	0	0	0	0	0	0	0	0	0.1	0.15	0	0	0.7	

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
D	01/09/2009	0	0	0.05	0	0	0	0	0.65	0.3	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	1.25	
D	02/09/2009	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.5	
D	03/09/2009	0	0	0.05	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0.9	
D	04/09/2009	0	0	0	0	0	0	0	0.25	0.3	0.2	0.15	0.05	0	0	0.25	0	0	0	0	0	0	0	0	1.2	
D	05/09/2009	0	0.2	0	0	0	0	0	0	0	0	0.2	0.15	0	0	0	0	0	0	0	0	0.4	0	0	0.95	
D	06/09/2009	0	0	0.05	0	0	0	0	0	0	0.35	0.15	0	0	0	0	0	0	0	0	0	0.2	0	0	0.75	
D	07/09/2009	0	0	0	0.05	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0	0	0.05	0	0	0	0.6	
D	08/09/2009	0	0	0.2	0	0	0	0	0.3	0	0.2	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0.8	
D	09/09/2009	0	0.05	0.2	0	0	0	0	0.15	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0.05	0.85	
D	10/09/2009	0	0	0	0	0	0	0.35	0	0	0	0	0	0.05	0.25	0	0.15	0.2	0	0	0	0	0	0	1	
D	11/09/2009	0	0	0.2	0	0	0	0	0.2	0.1	0.3	0.2	0	0.05	0.25	0	0.15	0.1	0	0.05	0	0	0	0	1.6	
D	12/09/2009	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0.25	
D	13/09/2009	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0.25	0.45	0	0	0	0	0	0	0	0.95	
D	14/09/2009	0	0	0	0	0.2	0	0	0.2	0.4	0.15	0	0	0	0	0	0	0.05	0.2	0	0.15	0.05	0	0	1.4	
D	15/09/2009	0	0	0	0	0	0	0	0.2	0.6	0	0.05	0	0	0	0	0	0	0.2	0	0	0	0	0	1.05	
D	16/09/2009	0	0	0	0	0	0	0.25	0.15	0.45	0.3	0	0	0	0	0	0	0	0	0	0.2	0	0.05	0	1.4	
D	17/09/2009	0	0	0	0	0	0.4	0	0	0.05	0	0.5	0	0	0	0	0	0.2	0	0	0	0	0	0.2	1.35	
D	18/09/2009	0	0	0	0	0.05	0	0	0.2	0.05	0	0.3	0.1	0	0	0	0	0	0	0	0	0	0	0	0.7	
D	19/09/2009	0.2	0.05	0	0.05	0	0	0	0.35	0	0	0.4	0	0	0.05	0	0	0.2	0	0.25	0.05	0	0	0	1.6	
D	20/09/2009	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0.75	
D	21/09/2009	0	0	0.2	0.05	0	0	0	0.45	0.05	0	0.5	0	0	0	0	0	0.2	0	0	0	0.35	0	0	1.8	
D	22/09/2009	0	0.2	0	0	0	0	0	0.45	0	0	0.45	0.2	0	0	0	0.25	0	0	0	0	0	0.1	1.65		
D	23/09/2009	0.1	0	0	0	0	0	0	0.4	0	0	0	0	0.05	0.35	0	0	0.15	0.05	0	0	0	0	0	1.1	
D	24/09/2009	0	0	0	0	0	0.15	0.3	0	0	0.05	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0.85	
D	25/09/2009	0.25	0	0.2	0	0	0	0	0	0	0	0	0.65	0.1	0.2	0	0	0	0	0	0	0	0	0	1.4	
D	26/09/2009	0	0.1	0.15	0	0	0	0.25	0	0.5	0.05	0	0	0	0	0	0	0	0.2	0	0	0	0	0	1.25	
D	27/09/2009	0	0.25	0	0	0	0	0	0	0	0.05	0.85	0	0	0.15	0.05	0	0.25	0.2	0	0	0.2	0	0	2	
D	28/09/2009	0	0	0	0	0.05	0	0.2	0.2	0.4	0.5	0	0	0	0	0	0	0	0	0	0.2	0	0	0	1.55	
D	29/09/2009	0	0	0	0.05	0	0	0.4	0.7	0	0	0	0	0	0	0	0.2	0.05	0	0	0	0	0	0	1.4	
D	30/09/2009	0.2	0	0	0	0	0	0	0.35	0.2	0.45	0.05	0	0	0	0	0	0	0	0	0	0	0	0	1.25	
D	01/10/2009	0.2	0	0	0.05	0	0	0.4	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0.2	0	0	1.35	
D	02/10/2009	0	0	0	0	0	0.05	0	0.35	0.5	0.05	0	0	0	0	0	0	0	0	0.2	0	0.2	0	0.2	1.55	
D	03/10/2009	0	0	0.05	0	0	0	0.4	0	0	0.25	0.7	0.05	0	0	0	0	0	0	0.05	0.4	0	0	0	1.9	
D	04/10/2009	0	0	0	0	0.2	0	0.05	0	0	0	0	0	0.55	0	0	0.2	0	0.25	0.2	0.25	0	0	0	1.7	
D	05/10/2009	0	0	0	0	0	0	0.35	0.75	0	0	0	0	0	0.1	0.1	0	0.1	0.15	0	0.2	0	0.25	0	2	
D	06/10/2009	0	0	0	0	0	0	0.15	0.7	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	1.05	
D	07/10/2009	0.2	0.05	0	0	0	0	0	0	0.45	0	0	0	0.2	0	0	0.05	0	0	0	0	0	0	0	0.95	
D	08/10/2009	0	0.15	0.1	0	0	0	0.3	0	0	0.4	0	0	0	0	0	0	0	0	0	0.05	0.2	0	0	1.2	
D	09/10/2009	0	0	0	0	0	0	0	0	0	0.85	0	0	0	0	0	0	0	0.05	0.5	0	0	0.05	0	1.45	
D	10/10/2009	0	0	0.25	0	0	0	0	0	0	0.55	0.1	0	0	0	0	0	0.3	0	0.55	0.05	0	0	0	1.8	
D	11/10/2009	0	0	0	0	0	0	0.2	0	0	0	0.35	0.25	0.55	0.5	0.4	0	0	0	0	0	0	0	0	2.5	
D	12/10/2009	0	0	0	0	0	0	0	0.25	0.6	0.25	0.05	0	0	0	0	0.15	0.15	0.25	0	0.3	0.3	0	0	2.3	
D	13/10/2009	0	0	0	0	0	0	0.45	0.85	0.05	0	0.2	0.05	0.2	0	0	0	0.25	0	0	0	0	0	0	2.05	
D	14/10/2009	0	0.05	0.2	0	0	0	0.45	0.25	0.3	0	0	0	0	0.1	0.1	0	0	0	0	0	0	0	0.05	1.5	
D	15/10/2009	0	0	0	0	0.2	0	0.45	0	0	0.55	0	0	0	0	0	0	0	0	0	0	0.2	0.1	0	1.5	
D	16/10/2009	0	0	0	0	0	0.05	0.75	0	0	0	0	0.55	0.1	0	0	0	0	0	0	0.25	0	0	0	1.7	
D	17/10/2009	0	0	0	0	0.2	0.05	0	0	0	0.2	0	0	0	0	0	0	0	0.2	0	0	0	0	0.05	0.7	
D	18/10/2009	0	0.2	0	0	0	0	0	0	0.8	0.15	0	0.2	0	0	0	0	0.4	0.2	0.3	0.05	0.15	0	0	2.45	
D	19/10/2009	0	0.05	0	0	0	0	0.2	0	0.8	0.2	0	0	0	0	0	0	0.3	0	0	0	0	0	0	1.55	
D	20/10/2009	0.2	0	0	0	0	0	0.2	0.85	0	0	0	0	0	0	0	0	0	0	0	0.15	0.1	0	0	1.5	
D	21/10/2009	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0	0.5	0.1	0	0	0	0	0.35	0	0	1.65	
D	22/10/2009	0	0	0	0	0	0.6	0	0	0.05	0	0	0	0.7	0	0	0	0	0	0	0	0	0	0	1.6	
D	23/10/2009	0	0	0	0	0	0	0.45	0.2	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.9	
D	24/10/2009	0	0	0.2	0.05	0	0	0	0	0	0.2	0	0	0.5	0.05	0	0.2	0	0	0	0	0	0	0.2	1.4	
D	25/10/2009	0	0	0	0	0	0	0	0.5	0.05	0	0.2	0	0.35	0.15	0	0	0.1	0.3	0	0.25	0	0.2	0	2.1	
D	26/10/2009	0	0	0	0	0	0	0.15	0.4	0	0.45	0.8	0	0.45	0	0	0.3	0	0.2	0	0	0	0	0	2.75	
D	27/10/2009	0	0	0.25	0	0	0	0.35	0.8	0	0	0	0.1	0.1	0	0	0	0.05	0.2	0	0	0	0	0	1.85	
D	28/10/2009	0	0	0	0	0	0	0.25	0.35	0.05	0.4	0.25	0	0	0	0	0	0	0	0	0	0	0.25	0	1.55	
D	29/10/2009	0	0	0	0	0	0	0	0.6	0.05	0	0	0	0.35	0	0	0	0	0.05	0	0	0	0	0	1.25	
D	30/10/2009	0	0	0	0	0	0	0	0.3	0.6	0.55	0	0	0.05	0	0	0	0.25	0	0	0	0	0	0	1.75	
D	31/10/2009	0	0	0	0.05	0	0	0.1	0.1	0	0.6	0.05	0	0	0	0	0	0.15	0.1	0	0.6	0	0	0	1.75	
D	01/11/2009	0	0	0	0	0.05	0.2	0	0.1	0.55	0.1	0	0.4	0.3	0.2	0	0	0	0	0.2	0.25	0.25	0	0	2.6	
D	02/11/2009	0	0.2	0	0	0.05	0	0	0.25	0.15	0.3	0.6	0.7	0.05	0	0	0.15	0.05	0	0	0	0	0	0	2.7	
D	03/11/2009	0.05	0	0	0	0	0	0.05	0.15	0	0.65	0.2	0	0	0	0.2	0	0	0	0	0.1	0.15	0.2	0	1.75	

SITE	DATE	Time of Day Consumption in m3																									
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL	
D	04/11/2009	0	0	0	0	0	0	0	0	0.2	0.55	0.3	0.6	0.3	0	0	0	0	0.2	0.05	0	0	0	0	0	0	2.2
D	05/11/2009	0	0	0	0	0	0	0.05	0.55	0	0	0	0.65	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0	1.3
D	06/11/2009	0	0	0.2	0.05	0	0	0	0	0	0	0	0.45	0.75	0	0	0.2	0	0	0	0	0	0.05	0	0	0	1.9
D	07/11/2009	0	0.05	0	0	0	0	0	0	0	0	0.2	0.85	0	0	0	0	0	0.25	0	0	0	0	0.2	0.05	1.6	
D	08/11/2009	0.2	0	0	0	0	0	0	0	0	0	0.65	0.35	0.5	0.2	0.05	0	0	0	0	0.3	0.1	0.15	0	0	2.55	
D	09/11/2009	0.2	0	0	0	0	0	0.05	0	0.1	0.45	0.4	0.4	0.2	0	0	0	0	0	0	0	0	0.25	0	0	2.05	
D	10/11/2009	0	0	0	0	0.15	0.05	0	0	0	0.55	0.35	0	0	0	0	0	0	0.2	0	0.2	0	0	0.05	0.3	1.85	
D	11/11/2009	0	0	0	0	0	0	0.25	0	0.45	0	0.55	0.4	0.15	0	0	0	0	0	0.2	0	0	0	0	0	2	
D	12/11/2009	0.15	0.05	0	0	0	0	0	0	0.25	0.55	0	0.45	0.15	0.25	0.3	0	0	0	0.05	0	0	0	0	0	2.2	
D	13/11/2009	0.1	0.45	0	0	0	0	0	0	0.05	0.5	0	0.5	0.15	0	0	0	0	0	0	0	0	0	0	0.2	1.95	
D	14/11/2009	0.25	0	0	0.25	0	0	0	0	0.75	0.65	0.1	0	0	0	0.25	0	0	0	0	0	0	0.4	0	0	2.65	
D	15/11/2009	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.7	0	0	0	0	0.2	0	0	0	0	0	1.2	
D	16/11/2009	0	0	0	0	0	0	0	0	0.25	0.45	0	0.3	0.3	0	0	0	0	0.15	0.05	0	0	0	0	0.35	1.85	
D	17/11/2009	0	0	0	0	0	0	0.2	0	0.15	0.55	0	0.15	0.35	0	0	0	0	0	0	0.25	0	0	0.2	0	1.85	
D	18/11/2009	0	0	0	0.05	0	0	0.2	0	0	0.3	0.5	0.55	0	0	0	0	0	0	0	0.2	0	0.05	0	0.3	2.15	
D	19/11/2009	0	0	0	0	0	0	0	0	0	0.3	0.35	0.05	0.35	0.2	0.2	0.2	0	0	0	0	0.3	0	0	0	1.75	
D	20/11/2009	0	0	0	0	0	0	0	0	0.2	0.05	0.65	0.35	0.2	0	0	0	0	0	0	0	0.25	0	0	0	1.7	
D	21/11/2009	0	0	0	0	0	0.25	0	0	0	0	0	0.75	0	0	0.2	0	0	0	0.05	0	0	0	0	0	1.25	
D	22/11/2009	0	0	0.6	0.35	0.5	0.05	0.55	0	0	0	0	0	0	0	0.45	0	0	0.2	0	0.3	0.75	0.1	0	0	3.85	
D	23/11/2009	0	0.05	0.15	0	0	0	0.15	0.55	0.15	0.1	0.7	0	0.25	0	0.25	0	0	0.3	0	0	0	0	0	0	2.65	
D	24/11/2009	0.15	0.05	0	0	0	0	0	0	0.05	0.7	0	0	0	0	0	0	0.75	0	0	0	0.05	0	0	0.2	1.95	
D	25/11/2009	0	0	0	0	0	0	0.5	0	0	0.05	0.15	0.55	0.15	0.3	0.1	0	0	0	0	0	0	0	0.2	0	2	
D	26/11/2009	0	0	0	0	0	0	0.45	0	0	0	0	0	0.05	0.65	0	0	0	0	0.3	0.05	0.05	0.15	0	0	1.7	
D	27/11/2009	0.2	0	0	0	0	0.25	0.45	0	0	0.5	0	0	0	0	0.05	0	0	0.4	0.1	0	0	0	0	0	1.95	
D	28/11/2009	0	0.15	0.1	0	0.25	0	0	0.25	0.2	0	0.5	0.45	0	0	0.5	0.45	0	0	0	0	0.65	0.4	0	0	3.15	
D	29/11/2009	0	0	0.2	0.35	0	0	0.05	0	0	0	0	0	0.25	0	0	0	0	0.35	0	0.3	0.3	0	0	0	1.8	
D	30/11/2009	0	0	0	0	0	0.15	0.5	0	0	0.5	0.2	0.5	0	0.05	0	0.25	0	0.25	0	0.05	0	0	0.1	0.1	2.4	
D	01/12/2009	0	0.3	0	0	0	0.05	0.6	0	0.2	0.3	0	0	0	0.3	0	0	0.25	0	0	0	0	0.2	0	0	2.2	
D	02/12/2009	0	0	0	0	0	0	0	0	0	0.25	0.75	0	0	0	0	0	0	0.35	0.5	0	0	0	0	0	1.85	
D	03/12/2009	0	0	0	0	0.2	0.05	0.4	0.1	0	0.15	0.6	0	0	0	0	0	0.25	0	0	0	0	0	0.25	0	2	
D	04/12/2009	0	0	0	0	0	0	0.45	0.2	0	0	0.6	0.1	0	0	0	0	0	0	0.55	0.1	0	0	0	0	2	
D	05/12/2009	0	0	0.45	0	0	0	0	0	0	0	0	0	0	0.25	0.05	0.7	0.2	0	0	0.2	0	0	0	0	1.85	
D	06/12/2009	0	0.2	0.05	0	0	0	0	0	0	0.25	0.45	0.1	0	0.25	0	0	0	0.35	0.15	0.1	0	0	0	0	1.9	
D	01/01/2010	0	0	0	0	0.25	0	0	0	0	0.05	0.25	0.6	0.05	0.75	0.3	0	0	0	0.05	0.25	0	0.05	0.15	0.15	2.75	
D	02/01/2010	0	0	0.2	0	0	0	0	0	0	0.7	0.25	0.75	0	0	0.35	0	0	0	0.15	0.25	0	0.05	0	0	2.7	
D	03/01/2010	0	0	0	0.2	0	0	0	0	0	0	0	0.25	0.65	0	0	0	0	0	0.2	0.25	0	0	0	0	1.55	
D	04/01/2010	0	0	0	0	0	0.2	0	0.05	0	0.6	0.55	0.25	0.8	0	0.1	0.15	0	0	0	0	0.05	0	0.1	0.1	2.95	
D	05/01/2010	0	0	0	0	0	0	0.65	0	0	0.55	0.05	0	0	0.05	0.25	0	0	0.15	0.05	0.25	0	0	0	0	2	
D	06/01/2010	0	0	0	0	0	0.2	0.05	0	0.5	0.35	0.3	0	0.25	0.65	0	0	0	0	0	0	0	0	0	0	2.3	
D	07/01/2010	0.2	0.05	0.05	0	0	0	0	0	0.3	0.75	0.05	0	0	0.2	0.3	0	0	0	0	0	0	0	0.05	0	0	1.95
D	08/01/2010	0	0.15	0.05	0	0	0	0	0	0	0	0.5	0.35	0.45	0	0	0	0	0	0	0	0	0	0.25	0	1.75	
D	09/01/2010	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0.15	0.65	0	0	0	0	0	0	0	0	1.05	
D	10/01/2010	0	0	0	0.25	0	0	0	0	0	0	0	0.05	0.85	0	0	0	0	0	0.35	0.25	0	0	0	0	1.75	
D	11/01/2010	0	0	0	0	0	0	0	0	0.05	0.2	0.65	0	0.55	0	0.2	0	0	0	0.05	0.2	0	0	0	0.4	2.3	
D	12/01/2010	0	0	0	0	0	0	0.45	0.9	0.65	0.15	0	0.65	0	0	0	0	0	0	0	0.2	0	0.05	0	0	3.05	
D	13/01/2010	0	0	0	0.05	0.15	0	0	0	0	0.3	0.3	0.7	0.25	0	0	0	0	0	0.2	0.05	0	0	0	0	2	
D	14/01/2010	0	0	0	0.2	0	0	0	0	0	0	0	0.7	0.9	0.1	0	0	0.05	0.2	0	0	0.25	0	0.15	0.1	2.65	
D	15/01/2010	0	0	0	0	0	0	0.25	0	0	0.65	0.65	0.5	0	0	0	0	0	0.25	0	0	0	0.05	0.15	0	2.5	
D	16/01/2010	0	0	0	0	0	0.05	0.15	0.05	0	0	0.5	0.05	0.3	0.6	0	0	0	0	0	0	0	0	0	0	1.7	
D	17/01/2010	0	0.25	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0.3	0.4	0	0.1	0.1	0	0	0	0.35	1.75	
D	18/01/2010	0	0	0	0	0	0	0	0.2	0.55	0.4	0	0	0.65	0.45	0	0.25	0	0	0	0	0	0	0.05	0.05	2.55	
D	19/01/2010	0	0	0.2	0.05	0	0	0	0	0.15	0.75	0.05	0	0.65	0.1	0	0	0	0	0	0	0	0	0.05	0.2	2.2	
D	20/01/2010	0	0	0	0	0	0	0	0.25	0	0.55	0.1	0.85	0.2	0.15	0.05	0.3	0	0.2	0	0	0	0	0	0	2.95	
D	21/01/2010	0	0	0.05	0	0	0	0	0.2	0	0.25	0.55	0.85	0	0	0	0	0.25	0	0.2	0	0.2	0	0.05	0	2.6	
D	22/01/2010	0	0	0	0	0	0	0	0	0.25	0	0.4	0.55	0	0	0	0.5	0	0	0	0.1	0.1	0	0	0	1.9	
D	23/01/2010	0.05	0	0	0	0	0.2	0	0	0	0.35	0.35	0.25	0.65	0	0	0	0	0	0	0	0	0	0.25	0	2.1	
D	24/01/2010	0	0	0	0	0	0	0.05	0.2	0	0.45	0.5	0.1	0.3	0	0	0	0	0.2	0	0	0	0	0.25	0	2.05	
D	25/01/2010	0	0	0	0	0	0	0.15	0.1	0	0.5	0.65	0.9	0.3	0	0	0	0	0	0	0.3	0	0	0	0	2.9	
D	26/01/2010	0	0	0	0.05	0.2	0	0	0	0	0.55	0.05	0.65	0	0	0	0	0.05	0	0.25	0.2	0	0	0	0	2	
D	27/01/2010	0	0	0	0	0.25	0	0	0	0	0.35	0.75	0.4	0	0	0	0	0	0	0.05	0.2	0	0	0	0	2	
D	28/01/2010	0	0	0.25	0	0	0	0	0	0.55	0.2	0.85	0.35	0	0	0	0	0.15	0.2	0.3	0	0	0.05	0	0	2.9	
D	29/0																										

SITE	DATE	Time of Day Consumption in m3																								
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL
D	01/02/2010	0	0	0	0.2	0	0	0	0.05	0	0.7	0	0.7	0	0	0.85	0.3	0	0	0	0.35	0.05	0	0	0	3.2
D	02/02/2010	0.35	0	0	0	0	0	0	0.25	0	0.55	0	0	0.35	0.05	0	0	0.05	0.2	0.05	0	0	0	0	1.85	
D	03/02/2010	0.05	0.15	0	0	0.05	0	0	0	0.15	0.05	0.8	0.05	0.75	0	0.6	0	0	0	0	0	0	0	0.25	2.9	
D	04/02/2010	0	0	0	0	0	0.1	0.15	0	0	0	0	0.7	0	0.6	0.15	0	0	0	0	0	0	0	0	1.7	
D	05/02/2010	0.2	0	0	0.05	0	0	0	0	0	0	0.7	0.55	0	0.1	0.3	0.1	0	0.2	0	0	0	0	0	2.2	
D	06/02/2010	0	0	0	0	0.25	0	0	0	0	0.35	0.65	0	0.35	0.2	0	0.35	0.3	0	0	0	0	0	0.2	2.65	
D	07/02/2010	0	0	0	0	0	0	0.15	0.1	0.1	0.5	0.9	0.5	0	0	0	0	0	0.55	0.2	0.25	0	0.15	0.15	3.45	
D	08/02/2010	0	0	0	0	0	0	0.25	0	0	0.65	0.15	0	0.2	0.45	0	0	0	0	0.2	0	0	0	0	1.9	
D	09/02/2010	0	0	0	0.25	0	0	0	0	0.8	0.8	0	0.2	0.4	0	0	0	0	0	0	0.25	0	0	0	2.7	
D	10/02/2010	0	0	0.25	0	0	0	0	0	0	0.7	0.1	0	0.5	0.3	0	0	0	0	0	0.05	0.2	0	0	2.3	
D	11/02/2010	0.05	0	0	0	0	0	0	0.25	0.6	0.05	0.35	0.7	0	0	0.35	0	0	0	0	0	0.2	0	0.2	2.85	
D	12/02/2010	0	0	0	0	0.25	0	0	0	0	0.6	0.2	0.35	0.25	0.45	0	0	0.4	0	0	0	0.2	0	0	2.7	
D	13/02/2010	0	0.2	0	0	0	0	0.15	0.35	0.4	0.65	0.4	0	0	0	0	0	0.25	0	0	0	0	0	0	2.4	
D	14/02/2010	0	0	0	0	0.25	0.25	0.5	0	0	0.45	0.4	0	0	0	0	0	0	0	0	0	0	0.25	0	2.1	
D	15/02/2010	0	0	0	0	0	0	0	0	0.25	0	0	0.05	0	0.45	0.05	0	0.2	0.05	0.2	0.3	0	0	0.25	1.8	
D	16/02/2010	0	0	0	0	0	0.15	0.1	0.05	0.85	0.55	0	0.45	0.2	0	0	0	0.25	0	0	0	0	0.1	0.1	2.8	
D	17/02/2010	0	0.05	0	0	0	0	0.2	0.3	0.45	0	0	0	0.25	0.4	0.25	0.35	0	0	0.2	0	0	0	0	2.45	
D	18/02/2010	0	0	0	0	0	0	0	0.3	0	0	0	0.35	0.85	0	0	0	0	0	0	0	0.25	0	0	1.75	
D	19/02/2010	0	0	0	0	0	0	0	0.3	0	0.5	0.3	0.5	0.35	0	0	0	0	0.05	0.2	0	0	0	0	2.2	
D	20/02/2010	0	0	0.15	0.1	0	0	0	0	0	0	0	0.85	0.85	0.05	0	0	0	0	0	0.25	0	0	0	2.25	
D	21/02/2010	0	0	0	0.25	0.05	0	0	0	0	0.35	0.3	0	0	0.25	0.55	0	0.2	0.15	0.1	0	0	0	0.3	2.5	
D	22/02/2010	0	0	0	0	0	0	0	0	0	0.7	0.15	0	0.1	0.6	0	0	0.2	0	0	0	0	0.35	0	2.1	
D	23/02/2010	0	0	0	0	0.25	0	0	0	0.3	0.1	0	0.05	0.6	0.3	0	0	0	0	0	0.05	0	0.2	0	1.85	
D	24/02/2010	0	0.3	0	0	0	0	0	0.2	0	0.45	0.2	0.5	0.05	0	0	0	0.3	0	0	0	0	0.2	0	2.2	
D	25/02/2010	0	0	0	0	0	0.25	0	0.05	0	0.45	0.1	0	0	0.6	0	0	0	0	0.05	0.2	0.3	0	0.35	2.35	
D	26/02/2010	0	0	0	0	0	0	0.25	0	0	0.75	0.8	0	0	0.1	0.85	0	0	0	0	0	0.05	0.2	0	3	
D	27/02/2010	0	0	0	0	0	0	0	0.25	0	0.5	0.3	0	0	0.05	0.2	0.35	0	0	0	0	0	0	0	1.65	
D	28/02/2010	0.2	0	0.05	0	0	0	0	0.35	0.35	0	0	0.55	0	0	0	0	0	0.2	0.05	0.5	0.45	0	0	2.7	
D	01/03/2010	0	0	0	0	0.05	0.2	0	0	0.35	0.25	0.8	0.2	0.05	0.55	0	0	0	0	0.25	0	0	0	0	2.7	
D	02/03/2010	0.15	0.1	0	0	0	0	0	0	0.25	0.55	0.6	0.7	0	0	0	0	0.2	0	0	0.05	0	0	0.2	2.8	
D	03/03/2010	0	0	0	0.3	0	0	0	0	0.45	0.65	0	0	0.4	0.3	0	0	0	0	0	0	0.2	0	0	2.3	
D	04/03/2010	0	0	0	0	0.05	0	0	0.25	0.5	0.05	0.6	0.05	0	0.65	0.1	0	0.25	0.2	0	0	0	0	0.2	2.9	
D	05/03/2010	0	0	0.05	0	0	0	0	0	0.55	0.55	0.25	0.85	0.4	0.25	0	0	0	0	0	0	0	0.25	0	3.15	
D	06/03/2010	0	0	0	0	0	0	0	0	0.1	0.4	0	0	0.7	0	0	0	0	0	0	0	0.2	0	0	1.4	
D	07/03/2010	0	0	0	0	0	0	0.25	0	0	0.4	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	1.15	
D	08/03/2010	0.3	0	0	0	0	0	0	0	0	0.85	0.1	0.15	0.05	0	0	0	0	0	0.1	0.15	0.25	0	0	1.95	
D	09/03/2010	0	0	0.2	0	0	0	0	0	0.5	0.3	0.5	0	0	0.2	0	0	0	0	0	0.05	0.05	0.25	0	2	
D	10/03/2010	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.15	0.1	0	0	0.5	
D	11/03/2010	0	0	0	0.25	0	0	0	0	0	0.35	0.15	0.55	0.6	0	0.3	0.25	0	0	0	0	0.2	0.4	3.05		
D	12/03/2010	0	0	0	0.05	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0.25	0	0	0.8	
D	13/03/2010	0	0	0	0	0	0.25	0	0	0	0.3	0.25	0	0.2	0	0.35	0.25	0.35	0	0	0	0.4	0	0	2.35	
D	14/03/2010	0	0	0.2	0	0	0	0	0	0	0	0.3	0	0	0.3	0.4	0	0	0	0	0	0.2	0	0	1.4	
D	15/03/2010	0.2	0.05	0	0	0	0	0	0.2	0	0.15	0.2	0.6	0.4	0	0	0	0	0.25	0	0	0	0.25	0	2.3	
D	16/03/2010	0	0	0	0	0	0	0.25	0	0	0.55	0.85	0.2	0	0	0	0	0	0	0.3	0	0	0	0	2.15	
D	17/03/2010	0	0.2	0	0	0	0.05	0.25	0	0	0.25	0.4	0.4	0	0	0	0	0	0	0.2	0	0	0	0.35	2.1	
D	18/03/2010	0	0	0	0	0	0	0	0	0.6	0.4	0.45	0	0	0	0	0	0	0	0.2	0	0	0	0.25	1.9	
D	19/03/2010	0	0	0	0	0	0	0	0.3	0.35	0.35	0.45	0.05	0.05	0	0	0.3	0.3	0	0	0.15	0.05	0	0	2.3	
D	20/03/2010	0	0	0	0	0	0	0.2	0	0.4	0.5	0	0	0	0	0.4	0	0.25	0.4	0	0	0	0	0	2.15	
D	21/03/2010	0	0.3	0	0	0	0	0	0	0	0.75	0.05	0	0.2	0.05	0	0	0	0	0	0.2	0	0	0	1.55	
D	22/03/2010	0.05	0.2	0	0	0	0.05	0	0	0.6	0.25	0	0	0.25	0	0	0	0	0	0	0.2	0	0	0.15	0.2	1.95
D	23/03/2010	0	0	0	0	0	0	0.45	0.65	0	0	0.15	0.6	0	0	0	0	0.05	0.25	0	0	0	0	0	2.15	
D	24/03/2010	0	0	0.2	0	0	0	0.05	0	0	0.4	0.65	0.6	0	0	0	0	0	0	0.25	0	0	0	0	2.15	
D	25/03/2010	0	0.2	0	0	0	0	0	0.3	0.2	0.8	0.15	0	0	0.35	0	0.3	0	0	0	0	0	0	0	2.3	
D	26/03/2010	0.2	0.05	0	0	0	0	0	0.25	0.25	0.4	0	0	0	0	0	0	0	0.25	0	0	0	0.25	0	1.65	
D	27/03/2010	0.25	0.05	0	0	0	0	0	0	0	0.3	0	0.5	0.55	0.45	0	0	0	0	0	0	0.3	0	0	2.4	
D	28/03/2010	0	0	0	0	0	0	0	0.6	0.1	0.2	0.45	0	0	0	0	0	0.25	0.35	0	0	0	0	0	1.95	
D	29/03/2010	0	0	0.25	0	0	0	0	0.2	0.55	0.5	0.55	0	0	0	0	0	0	0.45	0.8	0	0.25	0	0	3.55	
D	30/03/2010	0.3	0	0	0	0	0	0	0	0.3	0	0	0.45	0.25	0	0	0	0	0	0	0.3	0.55	0	0	2.15	
D	31/03/2010	0	0	0	0	0	0	0	0	0.45	0	0	0.45	0.1	0	0	0	0	0	0	0.25	0	0.05	0.25	1.55	
D	01/04/2010	0	0	0	0	0	0	0.25	0.1	0.35	0.4	0.35	0.05	0	0	0	0	0	0.2	0.05	0	0.2	0	0	1.95	
D	02/04/2010	0	0	0	0	0.25	0	0	0.5	0	0	0.05	0.7	0.15	0	0	0	0	0	0.15	0.05	0.2	0	0.25	2.3	
D	03/04/2010	0	0	0	0	0	0	0	0.4	0.05	0	0	0	0.55	0	0	0	0	0	0	0	0.05	0	0	0.2	1.25
D	04/04/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0.65	0.1	0	0	0	0	0	0	0	0	0.75	
D	05/04/2010	0	0.25	0	0	0	0	0	0.75	0.35	0															

SITE	DATE	Time of Day Consumption in m3																							
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
D	15/10/2010	0	0	0	0	0	0	0	0	0	0.55	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0.8
D	16/10/2010	0	0	0	0	0	0	0	0	0	0	0	0.15	0.1	0	0	0.35	0.35	0.2	0	0	0	0	0	1.15
D	17/10/2010	0.05	0	0.25	0	0	0	0	0	0.05	0.4	0	0	0	0	0	0	0.2	0.05	0.35	0	0	0.25	0	1.6
D	18/10/2010	0	0	0	0	0	0	0	0	0.4	0.35	0.25	0.5	0.25	0	0	0	0	0	0	0	0.2	0	0.3	2.25
D	19/10/2010	0	0	0	0	0	0	0.3	0	0	0	0	0.05	0.2	0	0	0.25	0	0	0	0	0	0.2	0	1
D	20/10/2010	0	0	0	0	0	0	0	0.55	0	0.35	0	0	0.05	0	0	0.2	0.05	0	0	0.2	0	0	0	1.4
D	21/10/2010	0	0	0	0	0	0.45	0	0	0.35	0.25	0	0	0	0	0	0	0	0.1	0.65	0	0	0	0	1.8
D	22/10/2010	0	0	0	0	0.2	0	0	0	0.05	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.2	0.7
D	23/10/2010	0	0	0	0	0.25	0	0	0	0	0	0.35	0	0.45	0	0	0	0	0	0	0	0.2	0	0	1.25
D	24/10/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.2	0.45	0	0	0	0.25	0	0.2	0	0	1.35
D	25/10/2010	0	0	0	0	0	0	0	0	0.8	0.35	0	0	0	0	0.2	0	0	0	0.2	0	0	0	0	1.55
D	26/10/2010	0	0.2	0.05	0	0	0	0.45	0	0	0	0	0	0	0.35	0.25	0	0	0	0.2	0	0	0	0.05	1.55
D	27/10/2010	0	0	0	0	0	0	0	0.45	0	0	0.25	0	0	0	0.2	0	0	0	0.2	0	0	0	0	1.1
D	28/10/2010	0	0	0	0	0	0.45	0	0.3	0	0	0	0	0	0	0	0.05	0	0.3	0	0	0	0	0	1.1
D	29/10/2010	0	0.25	0	0	0	0	0	0	0.5	0.55	0	0	0	0	0	0.2	0	0	0	0	0	0	0	1.5
D	30/10/2010	0	0	0	0.25	0	0	0	0	0	0	0.65	0	0	0	0	0.05	0.45	0	0	0	0.05	0	0	1.45
D	31/10/2010	0	0.2	0	0	0	0	0	0.05	0.45	0	0.45	0.2	0	0.15	0.15	0	0.15	0.05	0	0	0	0	0	1.85
D	01/11/2010	0	0	0.25	0	0	0	0	0.25	0.55	0.25	0	0	0	0	0	0	0	0	0	0	0	0.25	0	1.55
D	02/11/2010	0	0	0	0	0	0	0	0	0	0.25	0.35	0	0	0	0	0	0	0.25	0	0	0	0	0	0.85
D	03/11/2010	0	0	0.25	0	0	0	0	0	0.35	0.35	0.45	0	0	0	0.05	0.2	0	0	0	0.15	0.05	0	0	1.85
D	04/11/2010	0	0	0	0	0	0	0.3	0	0	0.5	0.05	0.5	0.05	0.05	0.25	0	0	0	0	0	0.2	0.1	0	2
D	05/11/2010	0	0.05	0.2	0	0	0	0	0.15	0.85	0.55	0.15	0	0	0.3	0	0	0	0	0	0	0.05	0	0.15	2.45
D	06/11/2010	0	0.3	0.4	0	0	0	0	0	0.55	0.35	0	0.2	0	0	0.1	0.15	0	0.35	0	0	0	0.05	0	2.45
D	07/11/2010	0	0	0	0.2	0	0	0	0.45	0.45	0	0	0	0	0.55	0.7	0.25	0	0	0.25	0.45	0	0	0	3.3
D	08/11/2010	0	0	0	0	0	0	0.2	0.05	0.25	0.75	0.55	0	0	0	0	0	0.1	0.15	0	0	0	0	0	2.05
D	09/11/2010	0	0	0	0.25	0	0	0	0	0	0.7	0.2	0	0	0	0	0.25	0	0	0	0	0.35	0	0.35	2.1
D	10/11/2010	0	0	0	0	0	0.35	0.85	0.05	0	0	0	0	0	0	0	0	0	0	0.1	0.15	0	0	0	1.5
D	11/11/2010	0.05	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0.55
D	12/11/2010	0	0	0	0	0.05	0	0.25	0	0.25	0	0	0	0	0	0.25	0.7	0.1	0	0	0	0	0.05	0	1.4
D	13/11/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0.7
D	14/11/2010	0	0	0	0.2	0	0	0.05	0	0	0	0	0	0.15	0.4	0	0	0	0	0	0	0.35	0	0.05	1.2
D	15/11/2010	0	0	0	0	0	0	0	0	0	0	0.45	0.15	0	0	0	0	0	0.3	0	0	0	0	0	0.9
D	16/11/2010	0	0.25	0	0	0	0	0	0.25	0.3	0.3	0.3	0	0	0.3	0	0	0	0	0	0	0	0.2	0	1.9
D	17/11/2010	0	0	0	0	0	0	0.25	0	0.1	0.85	0.85	0.2	0	0.25	0	0.3	0	0	0	0	0	0.05	0	2.85
D	18/11/2010	0	0	0	0	0	0.25	0	0.55	0.2	0.3	0.25	0.25	0.25	0	0	0	0	0	0.3	0	0	0	0	2.35
D	19/11/2010	0	0	0.05	0	0	0	0	0	0.15	0.55	0.55	0.35	0	0	0	0	0	0	0	0	0	0	0	1.65
D	20/11/2010	0	0.15	0	0	0	0	0	0	0	0	0.25	0	0.15	0.4	0.25	0.2	0.75	0.65	0	0	0	0	0	2.8
D	21/11/2010	0.05	0	0	0.2	0	0	0	0	0	0.25	0	0	0	0	0	0	0.2	0.45	0	0	0	0	0	1.15
D	22/11/2010	0	0.25	0	0	0	0	0	0.55	0.7	0.1	0	0	0	0.25	0.3	0.2	0	0	0.05	0	0	0.2	0	2.6
D	23/11/2010	0	0.25	0	0	0	0	0	0.4	0.2	0	0.05	0	0.2	0	0	0	0	0	0	0.2	0	0	0.05	1.35
D	24/11/2010	0	0	0	0	0.2	0	0	0	0.25	0	0	0.55	0	0	0	0	0	0.2	0.05	0	0	0	0	1.25
E	26/06/2009	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.35
E	27/06/2009	0	0	0	0	0	0	0	0.1	0	0.15	0.1	0	0	0.1	0.15	0	0	0	0	0	0	0	0	0.6
E	28/06/2009	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0.2	0	0.1	0	0	0	0.05	0	0	0	0.55
E	29/06/2009	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0	0.45
E	30/06/2009	0	0	0	0	0.3	0	0	0	0	0	0	0.05	0	0	0.05	0	0	0	0	0	0	0	0	0.4
E	01/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.05	0	0.05	0	0	0	0	0	0.2
E	02/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0.6
E	03/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	04/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
E	05/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0.05
E	06/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0.4	0	0	0	0	0	0	0	0.65
E	07/07/2009	0	0.05	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1
E	08/07/2009	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05
E	09/07/2009	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0.5
E	10/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.05	0	0.05	0	0	0	0	0	0	0	0.25
E	11/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.15
E	12/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0	0.3	0	0	0	0	0.4
E	13/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.05	0	0	0.1	0	0	0.3
E	14/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.35	0.6	0	0	0	0	0	0	0	1.05
E	15/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.05	0	0.15
E	16/07/2009	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	1
E	17/07/2009	0.1	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.3
E	18/07/2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.95

SITE	DATE	Time of Day Consumption in m3																								
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL
E	24/11/2009	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.45	0	0	0.05	0	0	0.7
E	25/11/2009	0	0	0	0	0	0	0	0.4	0.15	0	0	0	0	0	0	0.1	0.25	0.1	0	0	0	0	0	1	
E	26/11/2009	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0.25	0	0	0	0.05	0.05	0	0.65	
E	27/11/2009	0	0	0	0	0	0	0	0	0.4	0.1	0.1	0	0	0	0	0	0	0	0	0.05	0	0	0	0.65	
E	28/11/2009	0	0	0	0	0	0	0	0	0	0.25	0.1	0.05	0	0	0	0	0	0.45	0	0.1	0	0	0	0.95	
E	29/11/2009	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.75	0	0	0.05	0	0	0	0.85	
E	30/11/2009	0	0	0	0	0	0	0	0.15	0	0	0	0	0.25	0	0	0	0.1	0.35	0.3	0	0.1	0	0	1.25	
E	01/12/2009	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.15	0.85	0	0	0	1.1	
E	02/12/2009	0	0	0	0	0	0	0	0	0.3	0.35	0	0	0	0	0	0.1	0	0.05	0	0	0.35	0	0	1.15	
E	03/12/2009	0	0	0	0	0	0	0	0	0.3	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0.45	
E	04/12/2009	0	0	0	0	0	0	0.05	0	0.25	0.65	0	0	0	0	0	0	0	0	0.3	0	0	0.1	0	1.35	
E	05/12/2009	0	0	0	0	0	0	0	0	0	0	0	0.1	0.25	0	0	0	0	0	0	0	0.05	0	0	0.4	
E	06/12/2009	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0.2	0.05	0	0	0	0	0.65	
E	01/01/2010	0	0	0	0	0	0	0	0	0	0	0.35	0.45	0.05	0	0	0.35	0	0	0	0	0	0	0	1.2	
E	02/01/2010	0	0	0	0.4	0	0	0	0	0	0	0	0.4	0.3	0	0.25	0.1	0.25	0.05	0.15	0	0.1	0.05	0.2	1.9	
E	03/01/2010	0	0	0	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	1.25	0	0	0.15	0	0	1.85	
E	04/01/2010	0	0	0	0	0	0	0	0.2	0.05	0.3	0	0	0	0	0	0	0	0	0.1	0.1	0.05	0	0	0.8	
E	05/01/2010	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.3	0	0	0	0	0.05	0	0	0.5	
E	06/01/2010	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0.55	0	0	0	0	0	0	0.75	
E	07/01/2010	0	0	0	0	0	0	0	0.05	0.15	0	0	0	0	0	0	0.5	0.25	0	0.6	0.3	0	0	0	1.85	
E	08/01/2010	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.55	0.1	0	0	0	0	0	0	0.8	
E	09/01/2010	0	0	0	0	0	0	0	0	0.1	0.6	0.35	0	0	0	0	0	0	0	0.05	0.05	0	0	0	1.15	
E	10/01/2010	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0.05	0	0.15	0.05	0	0	0.15	0.05	1.05	
E	11/01/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.05	0	0	0	0.85	0.1	0.25	0	0	1.5	
E	12/01/2010	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0.55	0	0.05	0	0	0	0.8	
E	13/01/2010	0	0	0	0	0	0	0	0.4	0	0	0.1	0	0	0	0	0	0	0.45	0.1	0	0	0.05	0	1.1	
E	14/01/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0.8	
E	15/01/2010	0	0	0	0	0	0	0	0	0.35	0.3	0.05	0	0	0	0	0	0	0	0	0.05	0	0	0.15	0.3	1.2
E	16/01/2010	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0.75	0.3	0	0	0	1.15	
E	17/01/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0.6	0	0.15	0	0.85	
E	18/01/2010	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.35	0	0.05	0	0.05	0.05	0	0.55	
E	19/01/2010	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.3	0	0.05	0.1	0	0	0.7	
E	20/01/2010	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0.6	0	0	0.05	0.05	0	0	1.05	
E	21/01/2010	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.05	0.05	0.7	0	0	0	0.75	0	0	0	1.6	
E	22/01/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.5	0	0.05	0	0	0	0	0	0.7	
E	23/01/2010	0	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0.3	0.05	0	0	0.8	
E	24/01/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0.35	0.8	0	0	0	0	1.2	
E	25/01/2010	0	0	0	0	0	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0.4	0.3	0	0	0.85	
E	26/01/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0.2	0.35	0	0	0.35	0.2	0	1.4	
E	27/01/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0.65	
E	28/01/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0.1	0.5	0	0	0	0	0	0.85	
E	29/01/2010	0	0	0	0	0	0	0	0	0	0.05	0	0.15	0	0	0	0.45	0.05	0.2	0	0	0	0	0	0.9	
E	30/01/2010	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.2	0	0	0	0	0.05	0.5	0	0.8	
E	31/01/2010	0	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0.25	0.3	0.55	0.7	0.1	0	0	2.05	
E	01/02/2010	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0	0.6	0	0.05	0	0.05	0.05	1.1	
E	02/02/2010	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0.65	
E	03/02/2010	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0.4	
E	04/02/2010	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0.1	0.05	0.35	0.1	0.05	0	0.95	
E	05/02/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.5	
E	06/02/2010	0	0	0	0	0	0	0	0.4	0.05	0	0	0.65	0.05	0	0	0.55	0.05	0	0	0	0	0	0	1.75	
E	07/02/2010	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.05	0	0	0	0.35	0.5	0.1	0	0	0.05	1.2	
E	08/02/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7	0	0.2	0	0	0	0	0.9	
E	09/02/2010	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.5	0.2	0.25	0.05	0	0.1	0.05	1.45	
E	10/02/2010	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0.45	0.05	0	0	0	0.65	
E	11/02/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.4	0.1	0.05	0.25	0	0	1.1	
E	12/02/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0.15	0.05	0	0	0	0	0	0	0.8	
E	13/02/2010	0	0	0	0	0	0	0	0.55	0.5	0.2	0.05	0	0	0.05	0	0	0.1	0.1	0.1	0.3	0	0	0	1.95	
E	14/02/2010	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.25	0.25	0.4	0.3	0	0	0	0	1.35	
E	15/02/2010	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.05	0.55	0	0	0.1	0	0	0.75	
E	16/02/2010	0	0	0	0	0	0	0	0.3	0.15	0	0	0	0	0	0	0	0.45	0	0	0.05	0	0	0	0.95	
E	17/02/2010	0	0	0	0	0	0	0	0.3	0.05	0	0	0	0	0	0	0	0.4	0	0.15	0.05	0	0	0	0.95	
E	18/02/2010	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0.05	0.25	0	0.05	0	0	0	0.85	
E	19/02/2010	0	0	0	0	0	0	0	0	0.75	0.15	0.2	0	0	0	0	0	0.5	0	0.35	0.2	0	0	0	2.15	
E	20/02/2010	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.25	0.7	0.25	0	0.05	0	0	0	1.35	

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
E	21/02/2010	0	0	0	0	0	0	0	0.3	0.05	0	0	0	0.1	0	0	0.2	0.4	0	0.15	0.05	0.55	0	0	0	1.8
E	22/02/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0.75
E	23/02/2010	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0.6	0.1	0	0.05	0	0	0	0	0	1.1
E	24/02/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0.7
E	25/02/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.05	0.55	0.05	0	0	0.05	0	0	0	1
E	26/02/2010	0	0	0	0	0	0	0	0	0.2	0	0.15	0.7	0	0.3	0.1	0.05	0	0	0	0.1	0	0	0	0	1.6
E	27/02/2010	0	0	0	0	0	0	0	0.05	0.35	0	0	0.6	0.4	0.25	0	0.4	0	0	0	0	0	0	0	0	2.05
E	28/02/2010	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.7	0.05	0	0.1	0	0	0	0	0	1
E	01/03/2010	0	0	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0	0.05	0.35	0	0.15	0	1.25	0	0	2.45
E	02/03/2010	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	1.05
E	03/03/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.05	0.45	0.1	0.75	0	0	0	0	0	0	1.6
E	04/03/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.45	0.25	0.05	0.05	0.05	0.1	0	0	0	1.2
E	05/03/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.4	0.05	0	0	0	0	0	0.05	0	0.8
E	06/03/2010	0	0	0	0	0	0	0	0	0.25	0.1	0	0.1	0.25	0	0	0	0	0	0	0	0	0	0	0	0.7
E	07/03/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0.95	0.2	0	0	0	0	1.4
E	08/03/2010	0	0	0	0	0	0	0	0.25	0.1	0.05	0	0	0	0	0	0	0	0.1	0	0	0	0	0.05	0	0.55
E	09/03/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.25	0.25	0	0.1	0.1	0.2	0	0	0	1.2
E	10/03/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0.55
E	11/03/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.1	0.35	0.05	0.8	0.1	0.05	0	0	0	0	1.7
E	12/03/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.05	0	0	0.4	0.05	0	0	0	0	0	0	0.75
E	13/03/2010	0	0	0	0	0	0	0	0	0.55	0.15	0.05	0.05	0.05	0.25	0.2	0.6	0.9	0	0	0	0	0	0	0	1.75
E	14/03/2010	0	0	0	0	0	0	0	0	0.05	0	0	0	0.25	0.2	0.6	0.4	0	0	0.1	0	0	0	0	0	1.6
E	15/03/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0.1	0	0	0	1
E	16/03/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.05	0.2	0.85	0	0.05	0	0	0	0	1.45
E	17/03/2010	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0.2	0.05	0	0	0	0	0	0.45
E	18/03/2010	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0.25	0	0	0	0	0.8
E	19/03/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.6	0.2	0.05	0	0	0	0	0	1.15
E	20/03/2010	0	0	0	0	0	0	0	0.05	0	0.05	0.05	0	0	0	0.6	0	0	0	0	0	0	0.05	0	0	0.8
E	21/03/2010	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.8	0.2	0	0.05	0.05	0.1	0	0	0	0	0	1.3
E	22/03/2010	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.45	0	0	0.15	0	0	0	0	0	0.9
E	23/03/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.05	0.65	0	0	0.25	0.2	0	0	0	0	1.4
E	24/03/2010	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.45	0	0	0.05	0.05	0	0	0	0.85
E	25/03/2010	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0	0.5	0.55	0	0.05	0	0	0	0	1.55
E	26/03/2010	0	0	0	0	0	0	0.05	0	0	0.05	0	0	0	0	0	0	0	0	0.25	0.1	0	0	0.05	0	0.15
E	27/03/2010	0	0	0	0	0	0	0	0	0.1	0.5	0	0	0	0	0.25	0	0	0.2	0	0	0	0	0	0	1.05
E	28/03/2010	0	0	0	0	0	0	0	0.45	0.25	0	0	0	0	0.4	0	0.15	0	0.05	0	0.1	0	0	0	0	1.4
E	29/03/2010	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.25	0	0	0.6	0	0	0	0.05	0	0	0	1.2
E	30/03/2010	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0	0	0.1	0.3	0	0.2	0	0	0	0	0.95
E	31/03/2010	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0.25	0.1	0	0	0	0	0	0	0.8
E	01/04/2010	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0.8
E	02/04/2010	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0.25	0	0.15	0	0	0	0	0	0	0	0.7
E	03/04/2010	0	0	0	0	0	0	0.15	0.05	0.95	0.15	0	0	0.05	0.1	0	0.05	0.05	0.1	0.1	0.05	0	0	0	0	1.8
E	04/04/2010	0	0	0	0	0	0	0.05	0	0.15	0	0	0.05	0.05	0	0	0	0.75	0	0	0	0	0	0	0	1.05
E	05/04/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.7	0	0.1	0.05	0	0	0	0	0.85
E	06/04/2010	0	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.65
E	07/04/2010	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0.85
E	08/04/2010	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0.5
E	09/04/2010	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.1	0	0.4	0	0	0	0.05	0.1	0	0	0	0.9
E	10/04/2010	0	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0	0	0.8	0.05	0	0	0	0	0	0	0.95
E	11/04/2010	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.6	0.2	0	0.25	0	0	0	0	1.1
E	12/04/2010	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.55	0.1	0	0	0	0	0	0	0.95
E	13/04/2010	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0.05	0	0	0	0	0.55
E	14/04/2010	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0	0.4
E	15/04/2010	0	0	0	0	0	0.45	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.9
E	16/04/2010	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0.05	0.8	0	0.05	0	0	0	0	0	0	1.3
E	17/04/2010	0	0	0	0	0	0	0.05	0.45	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.6
E	18/04/2010	0	0	0	0	0	0	0.45	0.6	0.05	0	0	0	0	0	0	0	0	0.1	0.1	0	0	0	0	0	1.3
E	19/04/2010	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0.4	0	0	0.25	0	0	0	0.7
E	20/04/2010	0	0	0	0	0	0.25	0.05	0	0	0	0	0	0	0	0	0.35	0.05	0	0.05	0	0	0	0	0	0.75
E	21/04/2010	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0.1	0	0	0	0	0	0.55
E	22/04/2010	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0.55
E	23/04/2010	0	0	0	0	0	0.3	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.45
E	24/04/2010	0	0	0	0	0	0	0.8	0.05	0	0	0	0	0	0	0	0	0.35	0.05	0	0.05	0	0	0	0	1.3
E	25/04/2010	0	0	0	0	0	0	0	0.05	0.35	0	0	0	0	0	0	0.45	0	0	0	0	0				

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
E	26/04/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.1	0.15	0	0	0	0	0.75
E	27/04/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0.65
E	28/04/2010	0	0	0	0	0	0	0.25	0.3	0	0	0	0	0	0	0	0	0.15	0.05	0.05	0.3	0.05	0	0	0	1.15
E	29/04/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.1	0.05	0	0.45
E	30/04/2010	0	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.9
E	01/05/2010	0	0	0	0	0	0	0	0.4	0.7	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	1.35
E	02/05/2010	0	0	0	0	0	0	0.35	0	0	0	0.15	0.25	0.25	0.1	0	0	0.3	0.05	0	0.1	0	0	0	0	1.55
E	03/05/2010	0	0	0	0	0	0	0	0	0	0.25	0.05	0	0	0	0	0.05	0.2	0.25	0	0	0	0	0.05	0	0.85
E	04/05/2010	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0.25	0.1	0	0	0	0	0	0.6
E	05/05/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.3
E	06/05/2010	0	0	0	0	0	0	0.25	0.35	0	0	0	0	0	0	0.15	0.15	0	0.2	0.35	0	0	0	0	0	1.45
E	07/05/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.05	0	0	0.2	0	0	0	0	0.55
E	08/05/2010	0	0	0	0	0	0	0	0	0	0.5	0.05	0	0	0.05	0.25	0.05	0	0	0	0	0	0	0.05	0	0.95
E	09/05/2010	0	0	0	0	0	0	0	0	0.25	0.2	0.05	0.15	0	0	0.15	0	0	0	0	0	0	0	0	0	0.8
E	10/05/2010	0	0	0	0	0	0	0.05	0	0	0	0.1	0	0	0	0	0	0.2	0.2	0	0	0	0	0.05	0	0.6
E	11/05/2010	0	0	0	0	0	0	0.4	0.1	0.05	0	0	0	0	0	0	0	0	0	0.25	0.2	0	0	0	0	1
E	12/05/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.35	0	0	0	0	0.05	0	0	0.65
E	13/05/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0.45	0	0.1	0	0	0	0	0.8
E	14/05/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0.3	0.3	0	0	0	0	0	0.85
E	15/05/2010	0	0	0	0	0	0	0	0.05	0.3	0	0.1	0	0	0	0	0	0.25	0	0	0	0.05	0.05	0	0	0.8
E	16/05/2010	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0.15	0.05	0.2	0	0.2	0	0	0	0	0	0.7
E	17/05/2010	0	0	0	0	0	0	0.05	0.45	0	0	0	0	0	0.4	0	0	0	0.05	0.05	0.15	0	0	0	0	1.1
E	18/05/2010	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0.25	0.1	0	0.3	0.2	0	0	0	1.25
E	19/05/2010	0	0	0	0	0	0	0.15	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.25
E	20/05/2010	0	0	0	0	0	0	0.4	0.1	0	0	0	0	0	0	0	0	0.25	0	0.05	0	0	0.05	0	0	0.85
E	21/05/2010	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.25	0.1	0.2	0.05	0	0	0	0	0	0	0.65
E	22/05/2010	0	0	0	0	0	0	0	0.05	0.15	0	0.1	0.05	0	0	0	0.55	0.05	0	0	0	0	0	0	0	0.95
E	23/05/2010	0	0	0	0	0	0	0	0	0	0.2	0.05	0	0	0	0	0.1	0.35	0	0	0	0	0	0	0	0.7
E	24/05/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.35	0	0	0.05	0	0	0	0	0	0	0.4
E	25/05/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.25
E	26/05/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0.05	0	0	0	0	0.1	0	0	0	0	0	0	0.45
E	27/05/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0.35	0.05	0.05	0	0.75
E	28/05/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0.3	0.05	0	0	0	0	0	0	0.5
E	29/05/2010	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.25	0	0.1	0.1	0	0	0	0	0.4
E	30/05/2010	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0	0.1	0	0	0	0	0	0.2
E	31/05/2010	0	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0	0	0	0.1	0.25	0.15	0	0	0	0	0.75
E	01/06/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.2	0	0.05	0.2	0.05	0	0	0	0	0	0	0.75
E	02/06/2010	0	0	0	0	0	0	0.15	0.2	0	0	0	0	0	0	0	0	0	0.2	0.05	0.05	0	0	0	0	0.65
E	03/06/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0.4	0.1	0	0	0	0	0	0	0.65
E	04/06/2010	0	0	0	0	0	0	0.25	0	0	0	0	0.05	0.15	0.05	0	0	0	0	0	0	0	0	0	0	0.5
E	05/06/2010	0	0	0	0	0	0	0	0.05	0.1	0.05	0	0	0	0	0	0	0.4	0	0.05	0	0.05	0	0.05	0	0.7
E	06/06/2010	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0.85
E	07/06/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0.05	0.2	0	0	0.05	0	0	0.45
E	08/06/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.35	0	0	0	0	0.55
E	09/06/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0.15	0.05	0	0	0	0	0	0	0	0.4
E	10/06/2010	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0.2	0.25	0	0	0	0	0.05	0.05	0.9
E	11/06/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0.05	0	0	0	0	0	0.45
E	12/06/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.15	0.2	0	0.05	0	0	0	0	0.45
E	13/06/2010	0	0	0	0	0	0	0	0.05	0	0.05	0	0	0	0	0	0	0.05	0.2	0	0	0	0	0	0	0.35
E	14/06/2010	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.2
E	15/06/2010	0	0	0	0	0	0	0.15	0.05	0	0	0	0	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0.5
E	16/06/2010	0	0	0	0	0	0	0.15	0.05	0	0	0	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0.9
E	17/06/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.25
E	18/06/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0	0.05	0	0	0	0	0.45
E	19/06/2010	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0.25
E	20/06/2010	0	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0	0	0.2	0	0	0	0.05	0	0	0	0.35
E	21/06/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.35	0.15	0	0	0	0	0	0.6
E	22/06/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.3
E	23/06/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0.2	0	0	0	0.6
E	24/06/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.1	0.1	0.15	0	0	0	0.05	0	0.65
E	25/06/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0	0.2	0	0	0	0	0.4
E	26/06/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0.05	0	0.05	0	0	0	0.6
E	27/06/2010	0	0	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0.1	0.05	0.2	0.05	0.15	0	0	0	0.7
E	28/06/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0	0.45

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
E	29/06/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0.05	0	0.1	0	0	0.55	
E	30/06/2010	0	0	0	0	0	0	0	0.35	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	
E	01/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	02/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	03/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	04/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0.15	
E	05/07/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0.4	
E	06/07/2010	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0	0.05	0	0	0	0	0	0.15	
E	07/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	08/07/2010	0	0	0	0	0	0	0.1	0.15	0	0	0.05	0	0	0	0	0	0	0.05	0.1	0	0.15	0	0	0.6	
E	09/07/2010	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0.1	0	0	0	0	0.2	
E	10/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	
E	11/07/2010	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0.15	0	0	0	0	0	0.05	0	0	0	0.3	
E	12/07/2010	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.05	0	0.2	0	0.05	0	0.4	
E	13/07/2010	0	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.35	
E	14/07/2010	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.05	0.25	
E	15/07/2010	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0	0	0	0.15	0	0	0.05	0	0	0.35	
E	16/07/2010	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	
E	17/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.05	
E	18/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.3	0	0	0	0	0	0.1	0	0	0.45	
E	19/07/2010	0	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	
E	20/07/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0.25	0.05	0	0	0	0.05	0	0.05	0.05	0	0	0.6	
E	21/07/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
E	22/07/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0.5	
E	23/07/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.05	0.05	0	0.3	
E	24/07/2010	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.1	
E	25/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.15	0.1	0	0	0	0	0	0	0.3	
E	26/07/2010	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0.05	0	0	0	0.05	0.2	0.1	0	0	0.55	
E	27/07/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.1	0	0	0.3	
E	28/07/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.25	
E	29/07/2010	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.1	0	0.05	0.25	0	0	0	0	0	0	0.45	
E	30/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.2	0	0	0	0.1	0	0.4	
E	31/07/2010	0	0	0	0	0	0	0	0	0.15	0	0	0.1	0	0	0	0	0	0.1	0	0	0.05	0.05	0	0.45	
E	01/08/2010	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.05	0	0.25	0	0	0	0	0	0	0.35	
E	02/08/2010	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.15	0.15	0.05	0	0	0	0	0.4	
E	03/08/2010	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.25	
E	04/08/2010	0	0	0	0	0	0	0.3	0.05	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.4	
E	05/08/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.05	0	0.25	0.15	0	0	0	0.55	
E	06/08/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.1	0	0.15	0.05	0	0	0	0	0	0.4	
E	07/08/2010	0	0	0	0	0	0	0.3	0.05	0.05	0	0	0	0	0.05	0.05	0	0	0	0	0.05	0.05	0	0	0.6	
E	08/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0.3	
E	09/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	10/08/2010	0	0	0	0	0	0	0	0	0.35	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.55	
E	11/08/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.1	0	0	0.4	
E	12/08/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0.05	0.05	0	0.5	
E	13/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.05	0.1	0	0	0	0.25	
E	14/08/2010	0	0	0	0	0	0	0.3	0	0	0	0.05	0.1	0	0	0	0	0	0	0.25	0	0	0.05	0	0.75	
E	15/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.1	0	0	0.15	0	0.05	0	0	0.35	
E	16/08/2010	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.05	0	0	0.2	0	0	0	0	0.35	
E	17/08/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0.05	0	0.1	0	0.05	0	0.35	
E	18/08/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.45	
E	19/08/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0.05	0.05	0.15	0	0.3	0.15	0	0.85	
E	20/08/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.1	0	0.15	0	0	0	0	0.35	
E	21/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.65	0	0	0	0	0.65	
E	22/08/2010	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.5	
E	23/08/2010	0	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0	0	0.15	0.15	0	0.1	0	0	0	0	0.65	
E	24/08/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0.35	
E	25/08/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0.2	0.05	0	0.6	
E	26/08/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0.4	
E	27/08/2010	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0.65	
E	28/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.05	0.05	0	0.1	0	0.3	
E	29/08/2010	0	0	0	0	0	0	0	0	0	0.1	0.2	0	0	0	0	0	0	0.1	0.05	0.05	0	0.05	0	0.55	
E	30/08/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0.3	
E	31/08/2010	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.15	

SITE	DATE	Time of Day Consumption in m3																								
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL
E	01/09/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.15
E	02/09/2010	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.35
E	03/09/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.4
E	04/09/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0.3
E	05/09/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	0.1	0	0	0	0	0	0	0	0.5
E	06/09/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0.15	0	0	0	0	0	0.2
E	07/09/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0.05	0	0.15	0.05	0.1	0	0	0	0.55
E	08/09/2010	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.3
E	09/09/2010	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.4
E	10/09/2010	0	0	0	0	0	0.1	0.35	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0.55
E	11/09/2010	0	0	0	0	0	0	0	0.25	0.45	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0	0	0	0.8
E	12/09/2010	0	0	0	0	0	0	0.2	0	0	0	0.05	0	0	0	0	0	0.2	0.25	0.2	0.05	0	0	0	0	0.95
E	13/09/2010	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0	0	0	0	0.05	0.15	0	0	0	0	0	0.3
E	14/09/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0.55
E	15/09/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0	0	0	0.55
E	16/09/2010	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0.15	0	0	0	0.1	0	0	0	0.45	0	0	1.05
E	17/09/2010	0	0	0	0	0	0	0	0.35	0	0	0	0	0.05	0	0	0	0	0.2	0	0	0	0	0	0	0.6
E	18/09/2010	0	0	0	0	0	0	0	0.35	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6
E	19/09/2010	0	0	0	0	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0.15
E	20/09/2010	0	0	0	0	0	0	0.25	0.3	0	0	0	0	0	0.2	0	0	0	0	0	0.3	0	0.05	0.05	0	1.15
E	21/09/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0.65
E	22/09/2010	0	0	0	0	0	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0.45
E	23/09/2010	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.3
E	24/09/2010	0	0	0	0	0	0.3	0	0.2	0	0	0	0.2	0	0	0	0	0	0	0.1	0.2	0	0	0	0	1
E	25/09/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	0.15	0	0	0	0	0	0	0	0	0	0.45
E	26/09/2010	0	0	0	0	0	0	0	0	0	0.4	0	0.25	0	0.05	0	0	0	0	0	0	0	0	0	0	0.7
E	27/09/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0.15	0.05	0.35	0	0	0	0	0	0	0.8
E	28/09/2010	0	0	0	0	0	0	0.05	0.15	0	0	0	0.05	0	0	0	0	0	0	0.4	0	0.05	0	0	0	0.7
E	29/09/2010	0	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0	0	0	0.05	0	0.1	0.35	0	0	0	0.75
E	30/09/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.2
E	01/10/2010	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.2	0.05	0	0	0	0	0.4
E	02/10/2010	0	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0.25	0	0	0.1	0	0	0	0	0.8
E	03/10/2010	0	0	0	0	0	0	0	0	0	0.45	0.05	0.05	0	0	0	0	0	0	0	0	0.1	0.05	0	0	0.7
E	04/10/2010	0	0	0	0	0	0	0.3	0.2	0	0	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0.85
E	05/10/2010	0	0	0	0	0	0	0	0.45	0	0	0	0.1	0	0	0	0	0	0	0.25	0	0	0	0	0	0.8
E	06/10/2010	0	0	0	0	0	0	0	0.1	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.8
E	07/10/2010	0	0	0	0	0	0	0	0.55	0	0	0	0	0.05	0	0	0	0	0.05	0.05	0.2	0	0.3	0	0	1.2
E	08/10/2010	0	0	0	0	0	0	0	0.35	0	0	0.25	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0.95
E	09/10/2010	0	0	0	0	0	0	0	0.45	0	0.05	0.05	0	0	0	0	0	0	0	0.25	0	0	0.1	0	0	0.85
E	10/10/2010	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.4	0.2	0	0	0	0	0	0	0.65
E	11/10/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.15	0.1	0.05	0	0	0.05	0	0.4
E	12/10/2010	0	0	0	0	0	0	0	0.35	0.25	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.65
E	13/10/2010	0	0	0	0	0	0	0.25	0.2	0	0	0.05	0	0.05	0	0	0.8	0.05	0.5	0.15	0	0	0	0	2.05	
E	14/10/2010	0	0	0	0	0	0	0	0.45	0	0.05	0	0	0	0	0	0.05	0	0.2	0.1	0	0	0.05	0	0	0.9
E	15/10/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.05	0.05	0	0.05	0	0	0	0.4
E	16/10/2010	0	0	0	0	0	0	0	0	0.3	0.1	0	0	0	0	0	0	0	0.1	0	0.05	0	0	0	0	0.55
E	17/10/2010	0	0	0	0	0	0	0	0	0.1	0.45	0	0	0	0	0.05	0	0	0.15	0.15	0	0	0	0	0	0.9
E	18/10/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.4	0.1	0	0	0	0	0.8
E	19/10/2010	0	0	0	0	0	0	0.3	0.25	0	0	0	0	0	0	0	0.05	0	0.15	0	0	0	0	0	0	0.75
E	20/10/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0.35	0	0.1	0	0	0	0.75
E	21/10/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.45	0.05	0.15	0	0	0.05	0	0	1
E	22/10/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.45	0	0.35	0	0.05	0	0	0	0	0	0.9
E	23/10/2010	0	0	0	0	0	0	0	0	0.4	0	0.05	0.1	0	0	0	0	0	0	0.15	0.4	0.05	0	0	0	1.15
E	24/10/2010	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0.15
E	25/10/2010	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5
E	26/10/2010	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0.15	0	0	0	0.75
E	27/10/2010	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0	0.15	0.2	0	0	0	0	0	0.8
E	28/10/2010	0	0	0	0	0	0	0.25	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55
E	29/10/2010	0	0	0	0	0	0	0.35	0.05	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.7
E	30/10/2010	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.2	0	0.3	0.1	0.05	0.05	0	0.75
E	31/10/2010	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0.55
E	01/11/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.1	0.05	0.1	0	0	0	0	0.5
E	02/11/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.3
E	03/11/2010	0	0	0	0	0	0	0.65	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0	0.9

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
E	04/11/2010	0	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0.05	0.05	0	0.05	0.05	0.15	0	0	0	0	1.05
E	05/11/2010	0	0	0	0	0	0	0	0.5	0	0.05	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.65
E	06/11/2010	0	0	0	0	0	0	0	0	0.05	0	0.05	0.05	0	0	0.05	0	0	0.05	0	0.1	0.05	0	0.05	0.1	0.55
E	07/11/2010	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.05	0.05	0	0	0	0	0	0.15
E	08/11/2010	0	0	0	0	0	0	0	0.35	0.35	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.1	0.05	0	0.95
E	09/11/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.2	0	0.05	0.05	0.05	0.1	0	0.75	
E	10/11/2010	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0	0.1	0.3	0.05	0	0.1	0	0.9	
E	11/11/2010	0	0	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0	0	0.4	0.2	0	0.05	0.15	0.05	0.95	
E	12/11/2010	0	0	0	0	0	0	0	0.45	0	0.1	0.05	0	0	0	0	0	0	0.15	0	0	0	0.05	0	0.8	
E	13/11/2010	0	0.05	0	0	0	0	0	0	0	0	0.2	0	0.1	0.05	0	0	0.6	0.25	0	0.05	0.15	0	0.05	1.5	
E	14/11/2010	0	0	0	0	0	0	0	0	0	0.05	0.15	0.05	0	0	0	0.15	0.05	0.15	0.1	0	0.15	0.05	0.05	0.95	
E	15/11/2010	0	0	0	0	0	0	0.4	0.35	0.05	0	0	0	0	0	0	0	0	0.2	0.1	0	0.1	0.05	0	1.25	
E	16/11/2010	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0	0	0.15	0	0.55	
E	17/11/2010	0	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0.15	0.05	0	0.25	0.1	0.05	0.05	0.1	0.05	1.3	
E	18/11/2010	0	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0.2	0.15	0.2	0.95	
E	19/11/2010	0	0	0	0	0	0	0	0.4	0.55	0	0.15	0	0	0	0.15	0	0.45	0	0.05	0	0	0.05	0	1.8	
E	20/11/2010	0	0.05	0.25	0.1	0	0	0	0.05	0	0.05	0.3	0.05	0	0	0	0	0	0	0	0	0	0	0	0.9	
E	21/11/2010	0	0	0	0	0	0	0	0	0	0.05	0.2	0.05	0	0	0	0	0.05	0.15	0	0.1	0.1	0	0.05	0.75	
E	22/11/2010	0	0	0	0	0	0	0	0.45	0.75	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	1.35	
E	23/11/2010	0	0	0	0	0	0	0	0.3	0.05	0	0	0	0	0	0	0	0	0	0	0	0.45	0.1	0	0.9	
E	24/11/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0.05	0.55	
F	29/04/2009	0	0	0	0	0	0.35	0.2	0	0.15	0.45	0	0.25	0	0	0	0.15	0	0.15	0	0	0	0	0	1.7	
F	30/04/2009	0.1	0	0	0	0	0.2	0.45	0	0.15	0	0	0.15	0	0	0	0.15	0.05	0.25	0	0.2	0	0.15	0	1.85	
F	01/05/2009	0.15	0	0	0	0	0.2	0.4	0	0	0.2	0	0.15	0	0.15	0.15	0	0	0.25	0.05	0	0	0	0	1.7	
F	02/05/2009	0.1	0	0	0	0	0	0.4	0.4	0	0	0	0	0.1	0	0	0	0	0.3	0.05	0	0.15	0.05	0.15	1.8	
F	03/05/2009	0	0	0	0	0	0	0.5	0.4	0.1	0.3	0	0	0.15	0	0	0	0.1	0.25	0	0	0.15	0.1	0	2.05	
F	04/05/2009	0	0	0	0	0.15	0	0	0.9	0.15	0	0	0.1	0.2	0	0.15	0.25	0.15	0	0.25	0	0	0	0.1	2.4	
F	05/05/2009	0	0	0	0	0	0	0.15	0.65	0.2	0	0	0.1	0.45	0	0	0.15	0	0	0	0	0	0	0	1.8	
F	06/05/2009	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0.15	0	0	0.6	
F	07/05/2009	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0	0	1.5	
F	08/05/2009	0	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0	0	0	0	0.4	
F	09/05/2009	0	0.15	0	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0.6	
F	10/05/2009	0	0	0	0.1	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0.55	
F	11/05/2009	0	0	0	0.1	0	0	0	0.05	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0.55	
F	12/05/2009	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0.55	
F	13/05/2009	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0	0	1.5	
F	14/05/2009	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0.4	
F	15/05/2009	0.15	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0.55	
F	16/05/2009	0	0.15	0	0	0	0	0.15	0.35	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0.9	
F	17/05/2009	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0.55	
F	18/05/2009	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0	0	0.6	
F	19/05/2009	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0.4	
F	20/05/2009	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0.55	
F	21/05/2009	0	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0.2	0	0	0	0.15	0.75	
F	22/05/2009	0	0	0	0	0	0.15	0.5	0.35	0	0	0.2	0.15	0.3	0	0	0	0	0.2	0.2	0.2	0.15	0	0	2.2	
F	23/05/2009	0	0	0.1	0	0	0	0.45	0	0	0	0	0.15	0.2	0.4	0	0	0.2	0.15	0.15	0.2	0.15	0	0	2.15	
F	24/05/2009	0	0	0	0	0.15	0	0	0.2	0.35	0.4	0	0	0	0.15	0.25	0	0.15	0	0.15	0	0.2	0.15	0	2.15	
F	25/05/2009	0	0	0	0	0	0.1	0	0.4	0	0	0.1	0.4	0	0	0	0	0.2	0.05	0.1	0	0	0	0.15	1.5	
F	26/05/2009	0	0	0	0	0	0	0.15	0	0.75	0	0.2	0	0	0.2	0	0.15	0	0.15	0	0	0	0.15	0	1.75	
F	27/05/2009	0	0	0	0	0	0	0.15	0.4	0.7	0.3	0	0.15	0	0	0	0	0.05	0.1	0.35	0.1	0	0	0	2.3	
F	28/05/2009	0	0	0	0.15	0	0	0	0.15	0.8	0	0	0	0.1	0	0	0	0.15	0	0.25	0	0	0.15	0	1.75	
F	29/05/2009	0.15	0	0	0	0	0	0.1	0.25	0.65	0	0.15	0	0	0.15	0	0.15	0	0.15	0	0.1	0	0.2	0	2.05	
F	30/05/2009	0	0.1	0	0	0	0	0.25	0	0.4	0.45	0	0	0	0	0.3	0	0	0.15	0.15	0.2	0	0.15	0	2.15	
F	31/05/2009	0	0	0	0	0.15	0	0	0.6	0.45	0.15	0	0	0.15	0	0	0.1	0	0.1	0.1	0.2	0.2	0	0	2.2	
F	01/06/2009	0	0	0	0.1	0	0.1	0.45	0	0.25	0	0	0	0.15	0	0	0	0.15	0.2	0	0	0.15	0	0.15	1.7	
F	02/06/2009	0	0	0	0	0.35	0.05	0.3	0.15	0	0	0	0	0.15	0	0	0	0	0	0.25	0	0	0	0	1.25	
F	03/06/2009	0.05	0.1	0	0	0.35	0.1	0	0.3	0.15	0	0.05	0.1	0.25	0	0	0	0	0.2	0	0	0	0	0	1.65	
F	04/06/2009	0.15	0	0	0	0.55	0	0.25	0.15	0.2	0.1	0	0	0	0	0.15	0	0	0.25	0	0	0	0	0	1.8	
F	05/06/2009	0.1	0	0	0	0	0.5	0.1	0.3	0.15	0	0	0	0.15	0	0	0	0.15	0.1	0.05	0	0	0	0.15	1.75	
F	06/06/2009	0	0	0	0	0	0	0.1	0.45	0.15	0	0.35	0	0	0.15	0.15	0	0	0.05	0.3	0	0.1	0	0.15	1.95	
F	07/06/2009	0	0	0	0	0.1	0.05	0	0.3	0.55	0	0	0	0	0	0.15	0	0	0.2	0	0	0	0	0	1.35	
F	08/06/2009	0	0.1	0	0	0	0	0.5	0.3	0	0	0.15	0.15	0	0	0	0.15	0	0	0.15	0.05	0.15	0	0	1.7	
F	09/06/2009	0	0	0	0	0.1	0.45	0	0.25	0.2	0	0	0	0	0	0.1	0	0	0	0.25	0	0	0	0	1.35	
F	10/06/2009	0	0.15	0	0	0	0.45	0.15	0.25	0.15	0.2	0	0	0												

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
F	14/08/2009	0	0	0.1	0	0	0	0.3	0.25	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0	0.9	
F	15/08/2009	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0.4	
F	16/08/2009	0	0	0	0.1	0.05	0	0	0	0	0	0.15	0.25	0	0	0.15	0.05	0.15	0	0.1	0	0	0	0	1	
F	17/08/2009	0	0	0	0.15	0	0	0.3	0.15	0	0	0	0	0	0.15	0	0	0	0.2	0	0.2	0	0	0	1.15	
F	18/08/2009	0	0	0	0	0	0.1	0.3	0.15	0	0	0	0	0	0	0	0.15	0	0.25	0	0	0	0	0	0.95	
F	19/08/2009	0	0	0.15	0	0	0.1	0.2	0.15	0	0	0	0	0.15	0.15	0.05	0	0	0.25	0	0	0	0.2	0	1.4	
F	20/08/2009	0	0	0	0	0	0	0.15	0.45	0	0.2	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0.95	
F	21/08/2009	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.15	0	0	0.4	
F	22/08/2009	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0.45	
F	23/08/2009	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0.4	
F	24/08/2009	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0.35	0	0.2	0	0	0.2	0	0.1	1.1	
F	25/08/2009	0	0	0	0	0	0.3	0.1	0.25	0	0	0	0	0.15	0	0	0	0.2	0.1	0	0	0	0.15	0	1.25	
F	26/08/2009	0	0	0	0	0	0.35	0.05	0.2	0	0	0	0	0.15	0	0.15	0	0	0	0.2	0	0	0	0	1.1	
F	27/08/2009	0	0	0.15	0	0	0.35	0	0.25	0	0	0	0	0	0.15	0	0	0	0	0.3	0.15	0	0	0.1	1.45	
F	28/08/2009	0	0	0	0.15	0	0	0.3	0.25	0	0	0	0	0	0.2	0	0	0	0	0.25	0	0.15	0	0	1.3	
F	29/08/2009	0.15	0	0	0	0	0	0	0.4	0.55	0	0	0	0	0	0	0	0	0.15	0.05	0.15	0.2	0	0.1	0	1.75
F	30/08/2009	0	0	0	0	0	0	0.15	0	0.3	0.3	0	0	0	0	0	0	0	0.3	0.15	0	0	0	0.15	0	1.35
F	31/08/2009	0	0	0.15	0	0	0	0.55	0	0	0	0	0.15	0.15	0	0.15	0	0	0.15	0.1	0	0.15	0	0	1.55	
F	01/09/2009	0	0	0	0	0.1	0.1	0.25	0.2	0	0	0	0.1	0	0	0	0	0	0.35	0	0	0.15	0	0	1.25	
F	02/09/2009	0.1	0	0	0	0	0.15	0.15	0.2	0	0	0.15	0	0	0	0	0	0	0.35	0	0	0	0	0	1.1	
F	03/09/2009	0	0	0.15	0	0	0.05	0.3	0.2	0	0.2	0	0	0	0	0	0	0	0.15	0.2	0	0	0	0	1.25	
F	04/09/2009	0	0	0.1	0	0	0.15	0.3	0.15	0	0	0	0.15	0	0	0	0.15	0.1	0	0.05	0.15	0	0	0	1.3	
F	05/09/2009	0	0	0.15	0	0	0	0	0	0.5	0	0	0	0	0.2	0	0.25	0	0	0.25	0	0	0	0	1.35	
F	06/09/2009	0	0	0	0.1	0	0	0	0.4	0.25	0	0	0	0.15	0	0	0	0	0.1	0	0.25	0.15	0	0	1.4	
F	07/09/2009	0	0	0	0	0.15	0	0	0.45	0.25	0	0	0	0	0	0	0.15	0	0	0.3	0.2	0	0.15	0	1.65	
F	08/09/2009	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0.15	0	0	0.1	0.2	0	0.2	0	0	0.95	
F	09/09/2009	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0.15	0	0	0	0	0.3	0	0	0.1	0	0.9	
F	10/09/2009	0	0.15	0	0	0	0.15	0.15	0	0	0	0	0	0	0	0.15	0	0	0	0.35	0	0	0	0	0.95	
F	11/09/2009	0	0	0	0.15	0	0	0.3	0	0	0	0	0	0	0.15	0	0	0	0.3	0.1	0.05	0	0	0	1.05	
F	12/09/2009	0.1	0.05	0	0	0	0	0	0.35	0.3	0	0	0	0.15	0	0	0	0.2	0	0.25	0.2	0	0.15	0	1.75	
F	13/09/2009	0	0	0	0	0	0	0.15	0.3	0.15	0	0	0	0.15	0	0	0.15	0	0.05	0.25	0.15	0	0	0	1.35	
F	14/09/2009	0	0	0	0	0.1	0.15	0.25	0.15	0	0	0	0	0	0	0	0	0.15	0	0.2	0	0	0	0	1	
F	15/09/2009	0.15	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0.15	0	0	0.2	0.05	0	0.2	0.15	0	1.2	
F	16/09/2009	0	0	0	0	0	0.25	0.2	0	0	0	0	0	0	0	0	0.15	0	0.05	0.35	0	0	0	0	1	
F	17/09/2009	0.1	0	0	0	0	0.2	0.15	0	0	0	0	0	0	0.15	0	0.15	0	0.1	0.25	0	0.1	0	0	1.2	
F	18/09/2009	0	0	0	0	0.15	0.2	0.15	0	0.15	0	0.15	0	0	0.1	0.25	0	0	0.15	0.3	0	0	0	0.15	1.75	
F	19/09/2009	0	0	0	0	0	0	0.15	0.1	0	0.15	0.25	0	0.1	0	0	0.2	0	0	0.45	0	0	0	0	1.4	
F	20/09/2009	0	0.15	0	0	0	0.1	0.15	0.25	0	0.6	0	0	0.15	0	0.15	0.15	0	0	0.35	0.25	0.15	0	0	2.45	
F	21/09/2009	0	0	0	0	0.1	0.2	0.2	0	0.3	0	0	0	0	0.1	0	0	0	0.2	0.2	0	0	0	0	1.3	
F	22/09/2009	0	0.1	0	0	0	0.2	0.1	0	0	0	0	0	0.15	0	0	0	0.15	0.35	0.2	0	0	0	0	1.25	
F	23/09/2009	0	0	0	0	0.1	0	0.15	0.2	0	0	0.3	0	0	0	0	0.15	0	0	0.25	0	0	0.15	0	1.3	
F	24/09/2009	0	0.15	0	0	0	0.1	0.2	0	0	0	0.15	0	0	0	0	0	0.1	0.3	0	0.15	0	0	0.15	1.3	
F	25/09/2009	0	0	0	0	0.1	0	0.05	0.3	0.4	0	0	0	0	0	0	0	0.15	0.35	0.1	0.15	0	0	0	1.6	
F	26/09/2009	0	0	0	0	0.15	0	0	0	0.3	0	0.15	0	0	0	0.15	0	0	0	0.3	0	0	0	0	1.05	
F	27/09/2009	0	0.1	0	0	0	0.2	0.15	0	0	0	0	0	0.15	0	0.15	0	0	0	0.35	0	0	0	0	1.1	
F	28/09/2009	0.1	0	0	0	0	0.15	0.35	0	0	0	0	0	0	0.15	0	0.2	0	0	0.35	0	0	0	0.15	1.45	
F	29/09/2009	0	0	0	0	0	0	0.15	0	0	0	0.4	0.55	0.2	0	0	0.2	0	0.3	0	0	0	0	0	1.8	
F	30/09/2009	0	0.15	0	0	0	0.3	0.1	0.15	0	0	0	0	0	0	0	0	0.15	0.1	0.15	0.15	0	0	0	1.25	
F	01/10/2009	0	0	0.15	0	0	0.25	0.1	0	0	0	0	0	0	0.05	0.1	0	0	0.15	0.35	0	0	0.15	0	1.3	
F	02/10/2009	0	0	0	0	0	0.1	0.3	0	0	0	0	0	0	0.15	0	0	0	0.05	0.3	0	0.15	0	0	1.2	
F	03/10/2009	0	0	0	0	0	0	0	0.1	0	0.5	0	0	0	0	0	0	0.1	0	0.35	0	0	0.15	0	1.2	
F	04/10/2009	0	0	0	0.15	0	0	0	0.3	0	0.25	0	0.25	0	0	0	0.15	0	0.1	0.25	0.35	0	0	0	1.8	
F	05/10/2009	0	0	0	0	0.1	0	0	0.25	0	0	0	0	0	0	0	0.15	0	0	0.3	0.2	0.15	0	0	1.15	
F	06/10/2009	0	0	0.15	0	0	0	0.1	0.2	0	0	0	0	0	0	0	0	0.1	0	0.35	0	0	0.15	0.15	1.2	
F	07/10/2009	0	0	0	0	0	0.15	0.4	0	0	0	0	0	0	0.1	0	0	0	0	0.35	0.15	0	0	0	1.15	
F	08/10/2009	0	0	0	0.15	0	0.05	0.25	0	0	0	0	0	0	0.15	0	0	0	0.05	0.3	0	0	0.15	0	1.1	
F	09/10/2009	0.15	0	0	0	0	0	0.4	0	0	0	0	0.1	0	0	0	0	0	0.2	0.3	0.1	0.05	0	0	1.3	
F	10/10/2009	0	0	0	0	0.15	0	0	0.2	0.55	0	0	0.15	0	0	0.15	0	0	0	0	0	0.15	0	0	1.35	
F	11/10/2009	0	0	0	0.1	0	0	0	0.4	0.45	0	0	0.15	0	0.15	0	0	0.15	0	0	0.05	0.15	0	0.1	1.7	
F	12/10/2009	0	0	0	0	0	0	0	0.75	0	0.15	0	0	0	0	0	0.15	0	0.2	0.4	0	0.25	0	0	1.9	
F	13/10/2009	0	0	0	0	0	0.1	0.35	0	0	0	0	0	0	0.1	0	0	0	0.05	0.35	0	0	0	0.15	1.1	
F	14/10/2009	0	0	0	0	0	0.15	0.35	0	0	0	0	0	0	0.15	0	0	0	0	0.4	0.25	0	0	0.1	1.4	
F	15/10/2009	0	0	0	0	0	0.15	0.35	0	0	0	0	0	0	0	0.15	0	0	0	0.4	0.25	0	0	0	1.35	
F	16/10/2009	0	0.15	0	0	0	0	0.5	0.2	0.05	0	0.15	0	0.15	0	0	0	0.15	0	0	0	0	0			

SITE	DATE	Time of Day Consumption in m3																								TOTAL		
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00			
F	14/01/2010	0	0	0	0	0.1	0	0.45	0.35	0	0	0	0	0	0	0	0	0	0	0.55	0.1	0	0.15	0	1.8			
F	15/01/2010	0	0.15	0	0	0	0	0.35	0.4	0	0	0	0	0	0	0	0.05	0.1	0	0	0.55	0	0	0.15	0	1.75		
F	16/01/2010	0	0	0	0	0	0	0.1	0	0.45	0.45	0	0.25	0.1	0.15	0	0	0	0	0	0.3	0.15	0	0	0.15	0	2.1	
F	17/01/2010	0	0.1	0	0	0	0	0	0	0	0.5	0.35	0.35	0	0	0	0	0.1	0	0	0.6	0.2	0	0.1	0	0	2.3	
F	18/01/2010	0	0	0	0	0	0	0.55	0.35	0	0	0	0	0	0	0.1	0	0	0	0	0.55	0	0	0	0	0	1.55	
F	19/01/2010	0	0	0	0.15	0	0	0.35	0.6	0	0	0	0.15	0.25	0.2	0	0	0.15	0	0	0.85	0	0.15	0	0	0	2.85	
F	20/01/2010	0	0	0	0	0	0.1	0.4	0.45	0	0	0	0	0	0	0	0	0.15	0	0	0.5	0.15	0	0	0.1	0	1.85	
F	21/01/2010	0	0	0	0	0	0	0.55	0.45	0	0	0	0	0	0	0	0	0.1	0	0	0.55	0	0	0	0	0	1.65	
F	22/01/2010	0	0.1	0	0	0	0	0.25	0.5	0.1	0	0	0	0	0	0	0	0.15	0	0	0.15	0.5	0.1	0.15	0	0	2	
F	23/01/2010	0	0	0	0	0.1	0	0	0	0.65	0.25	0.2	0	0.1	0.2	0	0	0	0	0	0.25	0.6	0	0	0	0.1	2.45	
F	24/01/2010	0	0	0	0	0	0	0	0.15	0.05	0.4	0.3	0.65	0	0	0	0.25	0	0.2	0.2	0.65	0.15	0.15	0	0.15	0	3.3	
F	25/01/2010	0	0	0.1	0	0	0	0.5	0.35	0	0	0	0.1	0	0	0	0	0	0	0	0.55	0	0	0	0	0	1.6	
F	26/01/2010	0	0.1	0	0	0	0	0.5	0.4	0	0	0	0	0	0	0.15	0	0	0	0	0.15	0.15	0.25	0	0	0	1.7	
F	27/01/2010	0	0	0	0	0	0.1	0.55	0.3	0	0	0	0	0	0	0	0.1	0	0	0	0.15	0.4	0	0	0	0	1.6	
F	28/01/2010	0	0.1	0	0	0	0	0.5	0.35	0	0	0	0	0	0	0	0.1	0	0	0.15	0	0.75	0	0.15	0	0	2.1	
F	29/01/2010	0	0	0	0	0	0.1	0.8	0.1	0	0	0	0	0	0	0.15	0	0	0.1	0.1	0.7	0	0	0.1	0.05	0	2.2	
F	30/01/2010	0	0	0	0	0	0	0.1	0.45	0.35	0.15	0	0.1	0	0	0	0	0.15	0.05	0.75	0.2	0	0	0	0	0	2.3	
F	31/01/2010	0	0	0	0	0.1	0	0	0.25	1	0	0	0	0	0.15	0	0	0	0	0.15	0.4	0.25	0	0	0.15	0	2.45	
F	01/02/2010	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0	0	0	0.2	0.25	0	0	0	0	0	1	
F	02/02/2010	0	0	0.1	0	0	0	0.45	0	0	0	0	0	0	0	0.15	0	0	0	0.15	0.55	0.05	0.2	0	0	0	1.65	
F	03/02/2010	0	0	0	0	0.1	0	0.35	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0.7	
F	04/02/2010	0	0	0	0	0.1	0	0.5	0	0	0.1	0	0	0	0	0	0	0	0.15	0.05	0.65	0	0	0	0.2	0	1.75	
F	05/02/2010	0	0.1	0	0	0	0	0	0.95	0.05	0	0	0	0.15	0	0	0	0	0	0.2	0.55	0	0	0	0	0	2	
F	06/02/2010	0.15	0	0	0	0	0	0	0.1	0.3	0.7	0	0.1	0.1	0.15	0.15	0	0.2	0	0.65	0	0.2	0	0	0	0	2.9	
F	07/02/2010	0	0	0	0	0	0.15	0	0	0	0.55	0	0.25	0.3	0.1	0.25	0	0.15	0	0	0	0	0.15	0	0	0	1.9	
F	08/02/2010	0	0	0	0	0	0	0.5	0.2	0.3	0	0	0	0	0	0	0	0.1	0	0.05	0.6	0.2	0.1	0	0	0	2.05	
F	09/02/2010	0	0	0	0	0	0	0.4	0.5	0	0	0	0	0	0	0	0.15	0	0	0.05	0.7	0	0	0.15	0	0	1.95	
F	10/02/2010	0.15	0	0	0	0	0	0.55	0.3	0	0	0	0	0	0.15	0	0	0	0.15	0	0.15	0	0.15	0	0	0	1.45	
F	11/02/2010	0	0	0	0	0.1	0	0.5	0.55	0	0	0	0	0	0	0	0.1	0	0	0.6	0.05	0.1	0.1	0	0	0	2.1	
F	12/02/2010	0	0	0.15	0	0	0	0.45	0.45	0	0	0	0	0	0	0.15	0	0	0	0.8	0	0	0	0	0	0	2	
F	13/02/2010	0	0.15	0.15	0	0	0	0	0.5	0	0	0.8	0.1	0	0	0	0.3	0.15	0	0.15	0.6	0	0.25	0.2	0	0	3.35	
F	14/02/2010	0	0	0	0.15	0	0	0	0	0.1	0.45	0.05	0.4	0	0.2	0	0.15	0	0	0	0.7	0.15	0	0.15	0	0	2.5	
F	15/02/2010	0	0	0	0	0	0	0	0.15	0.4	0	0	0	0.15	0	0	0	0.15	0.6	0	0.35	0.15	0	0	0	0	1.95	
F	16/02/2010	0	0	0	0	0	0	0.55	0.45	0	0	0	0	0	0	0.15	0	0	0	0.55	0	0	0	0	0	0	1.7	
F	17/02/2010	0	0	0.1	0	0	0	0.55	0.55	0	0	0	0.15	0	0	0	0	0	0	0.1	0.7	0	0	0	0	0	2.15	
F	18/02/2010	0	0	0.1	0	0	0	0.55	0.5	0	0	0	0	0	0	0	0	0.1	0	0	0.65	0.3	0.05	0	0	0	2.25	
F	19/02/2010	0	0	0	0	0.1	0	0.45	0.45	0	0	0	0	0	0	0.15	0	0	0	0	0.65	0	0	0.15	0	0	1.95	
F	20/02/2010	0	0.15	0	0	0	0	0	0.15	0	0.55	0.55	0	0	0.15	0	0.15	0	0	0	0	0.3	0.05	0	0.15	0	2.2	
F	21/02/2010	0	0	0	0	0	0	0	0.2	0.35	0.85	0.25	0.1	0	0	0	0	0.15	0.1	0	0.15	0	0.1	0.35	0	0	2.6	
F	22/02/2010	0	0.1	0	0	0	0	0.5	0.35	0.25	0	0	0	0	0	0	0	0	0.1	0	0.5	0	0	0	0	0	1.8	
F	23/02/2010	0	0	0.1	0	0	0	0.75	0.3	0	0	0	0	0	0	0.1	0	0	0	0.1	0.7	0.1	0.05	0.1	0	0	2.3	
F	24/02/2010	0	0.15	0	0	0	0	0.15	0.65	0	0	0	0.1	0	0	0	0	0	0.2	0.55	0	0.15	0	0	0.15	0	2.1	
F	25/02/2010	0	0.15	0	0	0	0	0.55	0.25	0.15	0	0	0	0	0	0	0	0.1	0	0.45	0.15	0	0	0	0	0	1.8	
F	26/02/2010	0	0	0	0.1	0	0	0.55	0	0	0	0.5	0.2	0.15	0.1	0	0	0	0	0	0	0	0.15	0	0	0	1.75	
F	27/02/2010	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0	0	0	0	0	0	0.35	
F	28/02/2010	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0.05	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0.55	
F	01/03/2010	0	0	0	0	0	0.1	0.6	0.25	0	0	0	0	0.1	0	0	0	0	0.1	0.55	0.15	0.35	0.1	0.05	0.15	0	2.35	
F	02/03/2010	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0	0.1	0	0	0	0.05	0.25	0	0	0	0	0	0.9	
F	03/03/2010	0	0	0	0	0.1	0	0.4	0	0	0	0	0	0	0.15	0	0	0	0.2	0.3	0.3	0	0	0.1	0	0	1.55	
F	04/03/2010	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0.15	0	0	0	0.1	0.55	0.15	0	0	0	0	0	1.45	
F	05/03/2010	0	0	0	0.1	0	0	0.5	0.45	0	0	0	0	0	0.15	0	0	0	0	0.15	0.05	0.05	0	0	0	0	1.45	
F	06/03/2010	0	0	0	0	0.15	0	0	0	0.55	0.25	0	0.25	0.05	0.1	0.15	0.35	0	0	0.5	0	0.15	0	0	0.1	0	2.6	
F	07/03/2010	0	0	0	0	0	0	0.15	0	0	0	0	0.75	0.35	0	0	0	0.15	0	0.3	0.5	0.15	0.25	0.05	0	0	2.65	
F	08/03/2010	0	0	0	0	0	0.15	0.6	0.15	0	0	0	0	0	0.1	0	0	0	0.15	0.4	0	0	0	0	0	0	1.55	
F	09/03/2010	0	0	0.15	0	0	0	0.7	0.2	0	0	0	0	0	0.15	0	0	0	0	0.1	0.2	0.25	0	0.1	0	0	1.85	
F	10/03/2010	0	0	0	0	0	0.15	0.4	0.1	0	0	0	0.25	0.3	0	0	0	0	0	0.6	0.35	0.55	0	0	0	0	2.7	
F	11/03/2010	0	0	0	0	0	0.1	0.4	0.55	0	0	0	0	0	0	0	0.1	0.05	0	0.15	0.2	0.15	0	0	0	0	1.7	
F	12/03/2010	0.15	0	0	0	0	0	0	0.45	0	0.15	0.7	0.15	0	0.1	0	0	0	0	0	0	0	0	0	0.1	0	0	1.8
F	13/03/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0.1	0	0	0	0	0	0.4
F	14/03/2010	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0.2	0.55	0.25	0							

SITE	DATE	Time of Day Consumption in m3																								TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00		
F	22/05/2010	0	0.1	0	0	0	0	0.4	0	0.35	0.05	0	0	0	0.15	0	0.1	0	0.05	0.3	0	0	0.15	0	0	1.65	
F	23/05/2010	0	0.1	0	0	0	0	0	0	0.25	0.25	0	0	0	0.25	0	0	0.15	0	0	0.25	0.15	0.15	0	0	1.55	
F	24/05/2010	0.15	0	0	0	0	0	0	0	0.3	0.3	0.45	0	0	0.15	0	0	0.2	0	0	0	0.15	0	0	0	1.7	
F	25/05/2010	0	0	0	0.1	0	0.1	0.4	0.15	0.2	0	0	0.15	0.05	0.05	0.15	0	0	0	0.4	0	0.1	0	0.15	0	2	
F	26/05/2010	0	0	0	0	0	0	0.4	0.25	0.3	0	0	0	0	0.1	0.15	0	0	0.05	0.3	0	0	0	0	0	1.55	
F	27/05/2010	0.15	0	0	0	0	0	0.25	0.2	0	0	0	0	0.15	0	0	0.15	0	0	0.3	0	0	0	0	0	1.2	
F	28/05/2010	0	0	0.1	0	0	0	0	0.35	0	0	0	0	0	0	0	0.15	0.2	0	0.35	0	0	0.1	0	0	1.25	
F	29/05/2010	0	0	0	0	0	0	0.15	0.15	0.5	0	0	0	0.2	0	0.15	0	0	0	0.3	0	0	0.1	0	0.05	1.6	
F	30/05/2010	0.1	0	0	0	0	0	0.35	0.3	0	0	0	0	0.25	0	0	0.15	0	0	0	0	0.1	0.15	0	0	1.4	
F	31/05/2010	0	0.15	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0.15	0	0	0.25	0	0.05	0.1	0	0	1.05	
F	01/06/2010	0	0.15	0	0	0	0	0.35	0	0	0	0	0	0	0	0.05	0.05	0	0	0.3	0	0	0	0	0	0.9	
F	02/06/2010	0	0.1	0	0	0	0.4	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0.35	0.2	0	0.1	0	0	1.4	
F	03/06/2010	0	0	0	0	0	0.15	0.2	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0.1	0	0.15	0	0	0.9	
F	04/06/2010	0	0	0	0	0	0.1	0.3	0	0	0	0	0	0	0	0	0.15	0	0	0.3	0	0	0.15	0	0	1	
F	05/06/2010	0	0	0	0.1	0	0	0	0	0.2	0.2	0.3	0	0	0	0	0	0.1	0	0	0.3	0	0	0.15	0	0	1.35
F	06/06/2010	0	0	0	0	0	0	0.1	0	0.2	0	0	0	0	0	0.15	0	0	0.45	0.3	0	0	0.15	0	0	1.35	
F	07/06/2010	0	0.1	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0.1	0	0	0.3	0	0.15	0	0.15	0	1.1	
F	08/06/2010	0	0.15	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0.1	0	0	0.35	0	0	0	0.15	0	1.15	
F	09/06/2010	0.1	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0	0.3	0.15	0	0	0	0.15	0	1.25	
F	10/06/2010	0	0.15	0	0	0	0.3	0.15	0	0	0	0	0	0	0	0	0.15	0	0	0.3	0	0	0	0	0	1.05	
F	11/06/2010	0	0	0.1	0	0	0.55	0.25	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0.15	0	0	1.3	
F	12/06/2010	0	0	0	0	0	0	0.6	0.1	0	0	0	0	0	0	0	0.15	0	0	0.35	0	0	0.15	0	0	1.35	
F	13/06/2010	0	0	0	0	0	0.1	0.25	0.25	0.15	0.05	0.1	0	0.1	0	0	0	0.2	0	0	0.15	0	0	0.15	0	1.5	
F	14/06/2010	0	0	0	0	0	0.25	0.15	0	0	0	0	0	0	0.1	0	0	0	0.3	0.1	0	0.2	0	0	0	1.1	
F	15/06/2010	0.1	0	0	0	0	0.2	0.2	0	0.15	0	0	0.15	0	0	0	0	0	0	0.3	0	0	0	0.15	0	1.25	
F	16/06/2010	0	0	0	0	0	0.1	0.25	0.1	0	0	0	0	0	0	0	0.15	0	0	0.3	0	0	0.15	0	0.15	1.2	
F	17/06/2010	0	0	0	0	0	0.45	0.25	0	0	0	0	0	0	0.15	0	0	0	0	0.3	0	0	0	0.15	0	1.3	
F	18/06/2010	0	0	0	0	0	0	0.35	0.25	0	0	0	0	0.1	0	0	0	0.15	0	0	0	0	0	0	0	0.85	
F	19/06/2010	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.35	
F	20/06/2010	0	0	0.15	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.35	0	0	0	0	0	0.65	
F	21/06/2010	0.15	0	0	0	0	0	0.15	0.15	0	0	0	0	0	0	0	0.15	0	0	0.25	0	0	0.15	0	0	1	
F	22/06/2010	0.1	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0.1	0	0	0.3	0	0.1	0	0	1	
F	23/06/2010	0	0	0	0	0.15	0	0.25	0	0	0	0	0	0	0	0	0.15	0.1	0	0.15	0	0.25	0.1	0	0	1.15	
F	24/06/2010	0	0	0	0	0	0.3	0.05	0.4	0	0	0	0	0	0	0	0	0.1	0.15	0.1	0	0.15	0	0	0	1.25	
F	25/06/2010	0	0	0	0	0	0.15	0	0.2	0.15	0	0	0	0	0	0	0	0	0.15	0	0	0.1	0	0	0	0.75	
F	26/06/2010	0	0.15	0	0	0	0	0.4	0	0	0.4	0	0	0	0	0	0.05	0.1	0	0.1	0	0	0.25	0	0	1.45	
F	27/06/2010	0	0.1	0	0	0	0	0	0	0	0	0.15	0.2	0	0	0.15	0.2	0	0	0.05	0.25	0.15	0	0	0	1.25	
F	28/06/2010	0.1	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0.1	0	0.25	0	0	0.25	0	0	1.1	
F	29/06/2010	0	0.1	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0	0.1	0	0.25	0	0	0	0	0	0.8	
F	30/06/2010	0	0.1	0	0	0	0	0.4	0	0.15	0	0	0	0	0	0	0	0.15	0	0.3	0	0	0	0	0	1.1	
F	01/07/2010	0	0	0.15	0	0	0	0	0	0.05	0.45	0.2	0	0.2	0.15	0	0.1	0	0	0	0	0	0	0	0.15	0	1.45
F	02/07/2010	0	0	0	0	0	0	0.1	0	0.25	0.35	0	0.15	0	0.15	0	0	0	0.1	0	0.25	0	0.15	0	0	1.5	
F	03/07/2010	0	0	0	0.15	0	0	0	0.3	0	0.2	0	0	0	0.2	0	0.2	0	0	0.3	0	0	0.15	0	0	1.5	
F	04/07/2010	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0	0	0.15	0.1	0	0	0.6	
F	05/07/2010	0	0	0	0	0	0.35	0	0.35	0	0	0	0	0	0	0	0	0.1	0	0.25	0	0	0	0	0	1.05	
F	06/07/2010	0	0.1	0	0	0	0.3	0.05	0	0.05	0.1	0	0	0	0.15	0	0	0	0	0	0.1	0.05	0	0	0	0.9	
F	07/07/2010	0	0	0	0.15	0	0	0.3	0	0	0	0	0	0	0	0	0.1	0	0	0.25	0	0	0.2	0	0.15	1.15	
F	08/07/2010	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0	0.15	0	0.6	
F	09/07/2010	0	0	0	0	0	0.05	0.2	0	0	0	0	0	0	0	0.15	0	0	0	0	0.15	0	0.15	0	0	0.7	
F	10/07/2010	0	0	0	0	0	0.1	0.25	0	0	0	0	0	0	0.15	0	0	0.1	0	0.2	0	0	0	0	0	0.8	
F	11/07/2010	0	0	0.15	0	0	0	0	0	0.1	0	0	0	0	0.1	0.05	0	0	0	0	0.15	0	0.15	0	0.15	0	0.7
F	12/07/2010	0	0	0	0	0	0.1	0.25	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0.05	0.1	0	0.75
F	13/07/2010	0	0	0	0	0	0.35	0.1	0	0	0	0	0	0	0.1	0.05	0	0	0	0.25	0	0.15	0	0	0.1	1.1	
F	14/07/2010	0	0	0.15	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0.1	0	0.3	0	0	0	0	0	0.95	
F	15/07/2010	0	0	0.1	0	0	0	0.3	0	0.15	0	0	0	0	0.05	0.1	0	0	0	0	0.1	0	0.15	0	0	0.95	
F	16/07/2010	0	0	0	0	0	0.15	0.25	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0.65	
F	17/07/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0.15	0	0	0	0.15	0.25	0	0.15	0	0	0	0.95	
F	18/07/2010	0.1	0	0	0	0	0	0	0.55	0	0	0	0	0	0	0	0.2	0	0	0.15	0	0	0.15	0	0	1.15	
F	19/07/2010	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0.15	0	0	0.3	0	0	0	0	0	0.75	
F	20/07/2010	0.1	0	0	0	0	0.35	0	0	0.1	0	0	0	0	0	0	0	0.15	0	0.15	0.15	0	0	0	0	1	
F	21/07/2010	0	0.05	0.05	0	0	0.2	0.1	0.15	0	0	0	0	0	0	0	0	0	0.1	0	0	0.15	0	0	0	0.8	
F	22/07/2010	0	0	0	0	0	0.1	0.3	0	0	0	0	0	0	0	0	0	0.1	0	0	0.3	0	0	0	0.1	0	0.9
F	23/07/2010	0	0.15	0	0	0	0	0																			

SITE	DATE	Time of Day Consumption in m3																								TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00		
F	25/07/2010	0	0	0	0	0	0.05	0.05	0	0	0.2	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0.55
F	26/07/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0.4
F	27/07/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0.05	0.15	0	0.1	0	0.55	
F	28/07/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0.1	0	0	0	0.4	
F	29/07/2010	0	0	0	0	0.15	0.15	0.05	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0.6	
F	30/07/2010	0	0	0	0	0	0.25	0	0.15	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.5	
F	31/07/2010	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0.2	0.05	0	0	0	0	0.15	0	0	0.65	
F	01/08/2010	0	0	0	0.1	0	0	0	0	0	0.25	0.25	0	0	0.2	0	0	0.1	0	0	0.15	0	0	0.15	0	1.2	
F	02/08/2010	0	0	0	0	0	0	0.55	0	0	0	0	0	0	0.15	0	0	0	0.3	0	0.15	0	0.15	0	0	1.3	
F	03/08/2010	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0.1	0.05	0	0	0.2	0	0	0.2	0	0	0.9	
F	04/08/2010	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0.55	
F	05/08/2010	0	0	0	0	0	0.3	0	0.15	0	0	0	0	0	0	0	0	0.05	0.05	0.25	0	0	0	0.15	0	0.95	
F	06/08/2010	0	0	0	0.1	0	0.3	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0.15	0	0.8	
F	07/08/2010	0	0	0	0	0	0	0.4	0.1	0.15	0	0	0	0	0.15	0	0	0.1	0	0.25	0.15	0	0	0	0	1.3	
F	08/08/2010	0	0	0	0	0	0.15	0	0	0.4	0.15	0.15	0	0	0.2	0.05	0.1	0	0	0.05	0.05	0	0.15	0	0	1.45	
F	09/08/2010	0	0	0	0.1	0	0.25	0.05	0	0	0	0	0	0	0	0.1	0	0	0	0.3	0	0	0.2	0.15	0	1.15	
F	10/08/2010	0	0	0	0	0	0.2	0.1	0	0	0	0	0	0	0	0.1	0	0	0	0.25	0	0	0	0.15	0	0.8	
F	11/08/2010	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0.15	0	0	0	0.25	0.15	0	0	0	0	0.9	
F	12/08/2010	0	0	0.15	0	0	0.3	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0.7	
F	13/08/2010	0	0	0	0	0	0.35	0	0.2	0	0	0	0	0	0	0	0	0	0.1	0.2	0	0	0	0	0	0.85	
F	14/08/2010	0	0	0	0.1	0	0	0.15	0.2	0	0	0	0	0	0.15	0	0	0.2	0	0	0.15	0	0	0	0	0.95	
F	15/08/2010	0	0	0	0.1	0	0	0.05	0.2	0	0.4	0	0	0	0	0.15	0.1	0	0	0.15	0	0.15	0	0.15	0	1.45	
F	16/08/2010	0	0	0	0	0	0	0.25	0	0.3	0	0	0	0	0	0	0.2	0	0	0	0.35	0	0	0	0	1.1	
F	17/08/2010	0	0	0	0.1	0	0.25	0.05	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.25	0.15	0	1.05	
F	18/08/2010	0	0	0	0.1	0	0.3	0	0	0	0	0	0	0	0	0.15	0	0	0	0.25	0	0	0	0	0	0.8	
F	19/08/2010	0	0	0	0.1	0	0.35	0	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0.8	
F	20/08/2010	0	0	0	0	0	0.35	0.15	0	0	0	0	0	0	0	0.15	0	0	0	0.3	0	0	0.1	0	0	1.05	
F	21/08/2010	0	0	0	0	0	0	0.4	0	0.2	0	0.15	0	0	0.15	0	0	0	0	0	0	0	0	0	0.1	1	
F	22/08/2010	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0.4	0	0	0	0	0	0	0.65	
F	23/08/2010	0	0.05	0.1	0	0	0	0	0.35	0	0	0	0	0	0	0.2	0	0	0.1	0.2	0	0	0.1	0	0	1.1	
F	24/08/2010	0	0	0	0	0	0	0.5	0.05	0.2	0	0	0	0.05	0.05	0	0	0.15	0	0	0.15	0	0	0.15	0	1.15	
F	25/08/2010	0	0	0	0	0	0.15	0.45	0	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0	0	0	0	0.85	
F	26/08/2010	0.15	0	0	0	0	0	0.1	0.45	0	0	0	0.15	0	0	0	0	0.15	0.25	0.15	0	0	0.1	0	0	1.5	
F	27/08/2010	0	0	0	0	0	0.25	0.15	0.2	0	0	0	0	0.15	0	0	0.1	0	0	0	0	0	0	0	0	0.85	
F	28/08/2010	0	0.15	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.15	0	0	0	0.4	
F	29/08/2010	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0.35	0	0.1	0	0	0	0	0.7	
F	30/08/2010	0	0	0	0	0	0.3	0.1	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0.15	0	0	0	0.65	
F	31/08/2010	0	0	0	0	0	0.35	0	0.2	0	0	0	0	0	0	0	0	0.1	0	0.2	0	0	0	0	0	0.85	
F	01/09/2010	0	0	0.15	0	0	0	0.25	0	0	0	0	0	0	0.45	0.15	0	0	0	0	0.15	0	0	0	0	1.15	
F	02/09/2010	0	0	0	0	0.05	0.3	0	0	0.25	0	0.1	0	0	0	0	0.15	0	0	0.25	0.15	0	0	0	0	1.25	
F	03/09/2010	0.1	0	0	0	0	0	0.4	0	0	0	0	0.2	0	0.15	0	0	0	0	0	0	0	0.15	0	0	1	
F	04/09/2010	0	0	0	0	0	0	0.4	0	0.15	0	0	0	0.15	0	0.15	0	0	0	0	0.15	0	0	0	0.1	1.1	
F	05/09/2010	0	0	0	0	0	0	0	0.15	0.5	0	0	0	0	0.15	0	0	0	0.3	0	0	0	0	0	0	1.25	
F	06/09/2010	0.1	0	0	0	0	0	0	0.15	0	0	0.15	0	0	0	0.1	0.45	0.2	0	0.15	0	0.15	0	0	0	1.45	
F	07/09/2010	0	0	0	0	0.15	0.25	0.1	0	0	0	0	0	0	0.1	0	0	0	0.1	0.25	0.05	0	0	0.1	0	1.1	
F	08/09/2010	0	0	0	0	0	0	0.45	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.15	0	0	0	0.7	
F	09/09/2010	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0	0.15	0	0	0	0.3	0.15	0	0.15	0	0	1.4	
F	10/09/2010	0	0	0	0.15	0	0.3	0.2	0	0	0	0	0	0	0	0	0.1	0	0	0.2	0	0	0	0.1	0	1.05	
F	11/09/2010	0	0	0	0	0	0	0.2	0.45	0.2	0	0	0	0.1	0	0.15	0	0	0.35	0.15	0	0	0	0	0	1.6	
F	12/09/2010	0	0	0.1	0	0	0	0.05	0.15	0.25	0.25	0.3	0.25	0.05	0.1	0	0	0	0	0	0	0.05	0.1	0.1	0	1.75	
F	13/09/2010	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0	0	0.1	0	0	0.25	0	0.1	0.15	0	0	1	
F	14/09/2010	0	0	0	0	0	0.5	0	0.15	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0.9	
F	15/09/2010	0.1	0	0	0	0	0.1	0.5	0	0	0	0	0	0	0	0	0.1	0	0	0.3	0	0	0	0	0	1.1	
F	16/09/2010	0	0.15	0	0	0	0	0	0.45	0.15	0.15	0.3	0.1	0	0	0	0	0	0.1	0.2	0	0	0	0	0	1.6	
F	17/09/2010	0.1	0	0	0	0	0	0	0	0.5	0	0	0	0	0.2	0	0	0	0.15	0.25	0	0	0	0	0	1.2	
F	18/09/2010	0	0	0.1	0	0	0	0	0	0.35	0.35	0	0	0.15	0	0.15	0	0	0	0.1	0	0	0	0	0	1.2	
F	19/09/2010	0	0	0	0.15	0	0	0	0.1	0.55	0	0	0	0	0.15	0	0	0	0.25	0.1	0	0.2	0	0.1	0	1.6	
F	20/09/2010	0	0	0	0	0	0.3	0.2	0.05	0	0	0	0	0	0	0	0	0.15	0	0	0.15	0	0	0.1	0	0.95	
F	21/09/2010	0	0	0.15	0	0	0.2	0.3	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.15	0.9	
F	22/09/2010	0	0	0	0	0	0.35	0.15	0	0	0	0	0	0	0	0.15	0	0	0	0.3	0	0.15	0	0.15	0	1.25	
F	23/09/2010	0	0	0	0	0	0.55	0.05	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0	0	0.9	
F	24/09/2010	0	0	0	0	0	0.45	0.4	0	0	0	0.1	0	0	0	0	0	0.1	0.05	0	0.15	0	0.15	0	0	1.4	
F	25/09/2010	0	0	0	0	0	0	0.1	0.25	0.25	0	0	0	0	0	0	0	0	0.25								

SITE	DATE	Time of Day Consumption in m3																							TOTAL		
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		24:00	
F	27/09/2010	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0.1	0	0	0	0	0.35	0	0	0.15	0	0	0	0.95
F	28/09/2010	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0.15	0	0	0	0.15	0	0	0	0	0	0.2	0	0.9
F	29/09/2010	0	0	0	0	0	0.55	0	0	0.1	0	0	0	0	0	0	0	0	0.25	0.15	0	0	0.15	0	0.1	0	1.3
F	30/09/2010	0	0	0	0	0	0.05	0.3	0	0	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0.1	0	0	0	0.6
F	01/10/2010	0	0	0	0	0	0.4	0.2	0.05	0	0	0	0.1	0	0	0	0	0	0.25	0.25	0	0	0	0	0.1	0	1.35
F	02/10/2010	0	0	0	0	0	0	0	0.4	0.35	0.05	0.15	0.1	0.15	0.15	0	0	0	0.15	0.25	0	0.15	0	0	0	0	1.9
F	03/10/2010	0	0	0	0	0	0	0.1	0.6	0	0	0	0	0.15	0	0	0	0.15	0.25	0	0.15	0	0	0	0	0	1.4
F	04/10/2010	0	0.1	0	0	0	0.25	0.1	0	0	0	0	0	0	0.15	0	0	0	0	0	0.2	0	0	0.15	0	0.1	1.05
F	05/10/2010	0	0	0	0	0	0	0.55	0	0	0	0	0	0	0.15	0	0	0	0	0.35	0	0	0	0.2	0.15	0	1.4
F	06/10/2010	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0.1	0.05	0	0	0	0.05	0.1	0	0	0	0.65
F	07/10/2010	0	0	0	0	0.15	0.35	0.05	0.15	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0	0	0.95
F	08/10/2010	0	0	0	0	0	0.15	0.4	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0.2	0	0	0	0.85
F	09/10/2010	0	0	0	0	0	0.15	0	0.25	0.45	0.05	0.2	0.25	0	0.1	0	0	0.15	0	0	0	0.15	0	0	0.1	0	1.85
F	10/10/2010	0	0	0.15	0	0	0	0	0	0	0.8	0.15	0	0	0.15	0	0	0	0	0	0	0	0.2	0.1	0	0	1.55
F	11/10/2010	0	0	0	0	0	0	0	0	0.15	0.6	0	0	0	0	0	0	0	0	0.15	0.3	0.15	0	0	0	0.1	1.45
F	12/10/2010	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0.15	0	0.05	0.1	0.15	0	1
F	13/10/2010	0	0	0	0	0	0.3	0.25	0	0	0	0	0.1	0	0	0	0	0	0	0.15	0	0	0.15	0	0	0	0.95
F	14/10/2010	0	0	0	0	0	0.25	0.5	0	0	0	0	0	0	0	0.15	0	0	0	0	0.15	0	0	0.3	0	0	1.35
F	15/10/2010	0	0	0	0.1	0	0.05	0.5	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0	0.9
F	16/10/2010	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.4
F	17/10/2010	0	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0	0.2	0	0	0.55	0	0.15	0.1	0	0	1.15
F	18/10/2010	0	0	0	0	0	0.2	0.3	0	0	0	0	0	0	0.15	0	0	0	0	0.35	0	0.15	0.15	0	0	0	1.3
F	19/10/2010	0	0	0	0	0	0.1	0.45	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0	0.8
F	20/10/2010	0	0	0	0	0	0.3	0.35	0	0	0	0	0	0	0	0	0.1	0	0	0.45	0.2	0	0.25	0	0	0	1.65
F	21/10/2010	0	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0.1	0	0	0	0.15	0	0.15	0	0	0	0	1.05
F	22/10/2010	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0.15	0	0.15	0	0	0.3	0.15	0	0	0	0	0	1.15
F	23/10/2010	0	0	0.1	0	0	0	0	0.6	0	0	0	0	0	0	0.2	0.1	0	0	0	0.15	0.15	0.15	0	0	0	1.3
F	24/10/2010	0	0	0	0	0.1	0	0	0	0.5	0.4	0	0	0	0	0	0.15	0.05	0.2	0.35	0	0	0.2	0	0.15	0	2.1
F	25/10/2010	0	0	0	0	0	0.6	0.1	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0	0	0.95
F	26/10/2010	0	0	0	0	0	0.15	0.45	0	0.15	0	0	0	0.1	0	0	0	0	0	0.4	0	0	0	0	0	0	1.25
F	27/10/2010	0	0	0.1	0	0	0	0.6	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.1	0	0.15	0	1.1
F	28/10/2010	0	0	0.15	0	0	0	0.45	0	0	0	0	0	0.2	0	0	0	0	0	0.45	0	0	0	0	0	0	1.25
F	29/10/2010	0	0	0	0.1	0	0.65	0.1	0.15	0	0	0	0	0	0	0	0.15	0	0.35	0	0	0	0	0	0	0	1.5
F	30/10/2010	0	0	0	0	0	0	0.15	0.35	0.15	0	0	0	0	0	0.15	0.35	0	0	0	0	0	0	0	0.15	0	1.3
F	31/10/2010	0.05	0.05	0	0	0	0	0	0.2	0.15	0.25	0	0.55	0	0	0.15	0.15	0	0	0.15	0.2	0	0	0	0	0	1.9
F	01/11/2010	0	0	0	0.1	0	0.15	0.65	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0	1.15
F	02/11/2010	0	0	0	0	0	0.25	0.25	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.6
F	03/11/2010	0	0.2	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0.15	0.65
F	04/11/2010	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0.15	0	0	0	0.15	0	0	0	0	0.15	0	0	0.6
F	05/11/2010	0	0	0	0	0	0.2	0.45	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0.1	0	0	0.9
F	06/11/2010	0	0	0	0	0.15	0	0	0.15	0.4	0	0	0	0.15	0	0	0	0.15	0	0	0	0	0	0	0	0	1.1
F	07/11/2010	0	0	0	0	0	0.15	0	0.15	0.35	0.4	0	0.1	0	0	0	0	0.15	0	0	0.2	0	0	0.05	0.05	0	1.6
F	08/11/2010	0	0	0	0	0	0	0.4	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0.65
F	09/11/2010	0	0	0	0	0	0	0.15	0.2	0	0	0	0.15	0	0	0	0	0	0	0.15	0	0	0	0	0	0.1	0.75
F	10/11/2010	0	0	0	0	0	0	0	0.5	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0.65
F	11/11/2010	0	0.05	0	0	0	0	0	0	0.15	0	0.15	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.5
F	12/11/2010	0	0	0.1	0	0	0	0.25	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0.15	0	0.6
F	13/11/2010	0	0	0	0	0.15	0	0	0	0	0.15	0	0	0	0	0.2	0	0	0	0	0	0.15	0	0	0.2	0	0.85
F	14/11/2010	0	0	0	0	0	0.1	0	0.15	0	0.6	0.1	0	0	0	0.2	0.2	0	0.15	0	0.25	0	0	0.15	0.15	0	1.85
F	15/11/2010	0	0	0	0	0	0	0.5	0	0.35	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0.15	1.1
F	16/11/2010	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0.05	0.1	0	0	0	0	0	0	0	0.15	0	0	0.5
F	17/11/2010	0	0	0	0	0.15	0	0	0.35	0	0	0	0	0	0	0.15	0	0	0	0.2	0.1	0	0.15	0	0	0	1.1
F	18/11/2010	0	0	0	0	0	0	0	0.25	0.4	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0.1	0	0.9
F	19/11/2010	0	0	0	0	0	0	0.35	0.15	0.15	0.05	0	0.1	0	0	0	0.05	0.1	0	0.2	0	0	0.15	0	0	0	1.3
F	20/11/2010	0	0	0	0	0	0	0.1	0	0.3	0.1	0.45	0	0	0.3	0	0	0	0	0.1	0.45	0.15	0	0	0	0	1.95
F	21/11/2010	0	0	0.1	0	0	0	0.5	0.25	0	0.35	0	0.65	0	0	0	0.2	0.2	0.4	0	0	0	0	0	0.15	2.8	
F	22/11/2010	0	0	0	0	0	0	0.05	0.6	0	0	0	0	0.1	0	0.15	0	0	0	0.15	0.15	0	0	0	0.15	0	1.35
F	23/11/2010	0	0	0	0	0	0	0.45	0.25	0.15	0	0	0	0.1	0	0	0	0	0	0.1	0.15	0	0	0	0	0	1.3
F	24/11/2010	0	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	1
G	19/11/2009	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0.05	0	0	0	0	0	0.05	0.15	0.1	0	0.55
G	20/11/2009	0	0	0.05	0	0	0	0	0.2	0	0	0	0	0	0.05	0	0	0	0.05	0	0						

SITE	DATE	Time of Day Consumption in m3																									
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL	
G	26/04/2010	0	0	0.05	0	0	0.15	0.15	0	0.05	0	0	0	0.05	0	0	0	0.05	0.1	0	0	0	0	0.05	0	0.65	
G	27/04/2010	0	0	0.05	0	0	0	0.2	0.05	0	0	0	0	0.05	0	0	0	0.1	0.1	0	0	0	0	0.05	0	0.6	
G	28/04/2010	0	0	0.05	0	0	0	0.2	0	0	0	0.05	0	0	0	0.05	0	0	0.15	0.1	0.05	0	0	0	0	0.65	
G	29/04/2010	0.05	0	0	0	0	0.2	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.45	
G	30/04/2010	0.05	0	0	0.15	0.05	0.2	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.15	0	0	0	0.05	0.8	
G	01/05/2010	0	0	0	0.05	0	0.1	0.05	0.2	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0.1	0	0	0.65	
G	02/05/2010	0.05	0	0	0	0	0.05	0.15	0	0.05	0	0.1	0	0.05	0	0.1	0.05	0.1	0	0.05	0	0	0	0	0.05	0.8	
G	03/05/2010	0	0	0	0	0.05	0.15	0.25	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.6	
G	04/05/2010	0	0	0.05	0	0.15	0	0.2	0	0	0	0.05	0	0	0	0	0.05	0	0.1	0	0.05	0	0	0	0	0.65	
G	05/05/2010	0.05	0	0	0.15	0	0.15	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0.55	
G	06/05/2010	0	0	0.05	0.15	0	0.05	0.15	0	0	0.05	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0.6	
G	07/05/2010	0	0	0	0	0.05	0.1	0.1	0	0	0	0.05	0	0	0	0	0.05	0	0.1	0.05	0	0	0	0	0.05	0.55	
G	08/05/2010	0	0	0	0	0.05	0.15	0.15	0	0	0.05	0	0	0	0	0.05	0	0	0	0.1	0.05	0	0	0	0.05	0.65	
G	09/05/2010	0	0	0	0.1	0.05	0.05	0	0	0.3	0.15	0.3	0.35	0.05	0	0	0.05	0	0	0	0	0.05	0	0	0	1.45	
G	10/05/2010	0	0.05	0	0	0.05	0.05	0.25	0	0.05	0	0	0	0	0.05	0	0	0.05	0.1	0	0.05	0	0	0	0	0.7	
G	11/05/2010	0.05	0	0	0	0	0.15	0.1	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.6	
G	12/05/2010	0	0.05	0	0	0	0	0.2	0.05	0	0	0	0.05	0.4	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0.9	
G	13/05/2010	0	0	0	0.05	0	0.15	0.05	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0.1	0	0	0.05	0	0	0.55	
G	14/05/2010	0	0	0.05	0	0	0	0.2	0	0.05	0	0	0	0.55	0	0	0	0.1	0.05	0	0	0.05	0	0	0	1.05	
G	15/05/2010	0	0.05	0	0	0	0.15	0.2	0	0.1	0.05	0.15	0.2	0.3	0	0.05	0	0	0.35	0.1	0.1	0.05	0	0	0	1.85	
G	16/05/2010	0	0.05	0	0	0	0	0.15	0	0	0.15	0	0	0	0	0.05	0.15	0	0.5	0	0.2	0.1	0	0.05	0	1.4	
G	17/05/2010	0	0	0	0.05	0	0	0.15	0	0.05	0	0	0	0.05	0	0	0	0.1	0.05	0.1	0.5	0	0	0	0.15	1.2	
G	18/05/2010	0	0	0	0.05	0	0.1	0.15	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0.5	
G	19/05/2010	0	0	0	0.15	0	0.05	0.15	0	0	0	0.05	0	0	0	0	0.15	0	0	0.45	0.05	0	0	0	0	1.05	
G	20/05/2010	0.05	0	0	0	0.05	0.2	0	0	0.05	0	0	0	0.05	0	0	0	0	0.25	0	0	0.1	0.05	0	0	0.8	
G	21/05/2010	0	0	0.05	0	0	0.05	0.15	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.4	
G	22/05/2010	0	0.15	0	0.05	0	0	0	0.15	0.05	0	0	0.1	0	0.05	0	0	0	0.05	0.45	0.05	0	0	0	0	1.1	
G	23/05/2010	0.05	0	0	0	0	0.05	0	0.15	0.15	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0.55	
G	24/05/2010	0	0	0.05	0	0	0	0.25	0	0.05	0	0	0	0	0	0.05	0.45	0	0	0.15	0.1	0	0	0	0.05	1.15	
G	25/05/2010	0	0	0	0	0.05	0	0.2	0	0	0	0	0.05	0	0	0	0	0.05	0.15	0	0	0.05	0	0	0	0.55	
G	26/05/2010	0.05	0	0	0	0	0.05	0.25	0	0	0	0	0	0.05	0	0	0	0.05	0.45	0	0	0	0	0.05	0	0.95	
G	27/05/2010	0	0	0.05	0	0	0	0.2	0	0	0	0	0	0.05	0	0	0	0.05	0	0.45	0.3	0	0	0.05	0	1.15	
G	28/05/2010	0	0	0	0.05	0	0	0.15	0.1	0	0.05	0.35	0	0	0	0.15	0.15	0	0	0.35	0.1	0.1	0.05	0	0	1.6	
G	29/05/2010	0	0	0	0.05	0	0	0	0.05	0.15	0	0.2	0.05	0	0.45	0.05	0	0	0	0.05	0.1	0	0.05	0	0	1.2	
G	30/05/2010	0	0	0	0.05	0	0	0	0.15	0	0	0.05	0	0.3	0	0	0.05	0	0.15	0.15	0	0.15	0.15	0	0	1.05	
G	31/05/2010	0	0	0.05	0	0.15	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0.4	
G	01/06/2010	0	0	0	0.05	0	0	0.2	0	0	0	0	0	0.05	0	0	0	0.05	0	0.75	0	0	0.05	0	0	1.15	
G	02/06/2010	0	0	0.05	0	0	0	0.25	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0.5	
G	03/06/2010	0	0	0	0.05	0	0.15	0.15	0	0	0	0.05	0	0	0	0.05	0	0	0.05	0.3	0	0	0.05	0	0	0.8	
G	04/06/2010	0.1	0.1	0.1	0.05	0	0.1	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.65	
G	05/06/2010	0	0	0.2	0	0	0	0.05	0	0.15	0	0	0	0	0.05	0.15	0.05	0	0	0	0.05	0	0	0	0	0.7	
G	06/06/2010	0.05	0	0	0	0	0.05	0	0.1	0.05	0	0.1	0.05	0	0	0	0.15	0	0	0.55	0	0	0	0	0.05	1.15	
G	07/06/2010	0	0	0	0	0.05	0.1	0.05	0.1	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0.45	
G	08/06/2010	0	0	0.05	0	0	0	0.25	0	0	0	0	0.05	0	0	0	0	0.2	0	0	0	0.05	0	0	0	0.6	
G	09/06/2010	0	0.05	0	0	0	0	0.25	0	0	0	0	0.05	0	0	0	0	0.15	0	0.9	0.05	0	0.1	0.05	0	1.6	
G	10/06/2010	0	0	0	0.05	0	0	0.2	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.4	
G	11/06/2010	0.05	0	0	0	0	0.1	0.15	0	0	0	0	0	0.05	0	0	0	0.15	0	0	0.7	0.05	0	0	0	1.25	
G	12/06/2010	0	0.05	0	0	0	0	0.2	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.4	
G	13/06/2010	0	0.05	0	0.25	0	0.05	0	0	0.2	0	0	0.1	0	0.05	0	0	0.05	0	0	0	0	0.05	0	0.05	0	0.8
G	14/06/2010	0	0	0.05	0	0.15	0	0.2	0	0	0	0.05	0	0	0	0	0.05	0	0.55	0.1	0	0.05	0	0	0	1.2	
G	15/06/2010	0	0.05	0	0	0	0.15	0.15	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0.55	
G	16/06/2010	0	0	0	0.05	0.15	0	0.15	0	0	0	0	0.05	0	0	0	0	0.05	0.1	0.05	0	0	0	0	0.05	0.65	
G	17/06/2010	0	0	0	0.25	0	0	0.15	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0.1	0	0.05	0	0	0	0.7	
G	18/06/2010	0	0.05	0	0	0	0	0.2	0	0	0	0.05	0	0	0	0.05	0	0	0.5	0	0.05	0	0.05	0	0	0.9	
G	19/06/2010	0	0.05	0	0	0	0	0.05	0.2	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0.45	
G	20/06/2010	0	0.05	0	0	0.05	0	0	0	0	0	0.05	0	0.15	0	0.15	0	0	0.15	0.55	0.1	0	0	0.05	0	1.3	
G	21/06/2010	0	0	0.05	0	0	0	0.15	0	0.05	0	0	0	0	0.05	0	0	0	0.15	0.05	0	0	0	0	0.05	0.55	
G	22/06/2010	0	0	0	0	0.05	0	0.2	0	0	0	0.05	0	0	0	0.05	0	0	0.1	0	0.05	0	0	0	0	0.5	
G	23/06/2010	0.15	0	0	0	0.05	0.1	0.05	0	0	0	0	0.05	0	0	0	0	0.15	0	0.05	0	0	0	0	0.05	0.65	
G	24/06/2010	0	0	0.1	0.05	0	0	0.15	0	0	0.05	0	0	0	0	0.05	0	0	0.1	0.55	0	0	0	0	0.05	1.1	
G	25/06/2010	0	0	0	0.05	0	0	0.15	0.15	0	0.15	0	0														

SITE	DATE	Time of Day Consumption in m3																								TOTAL																	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00																		
G	29/06/2010	0.2	0	0.05	0	0	0	0.15	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55
G	30/06/2010	0	0.05	0	0	0	0	0.2	0	0	0.05	0	0	0	0.05	0	0.05	0	0.1	0	0	0	0	0.05	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.55
G	01/07/2010	0	0	0.05	0	0	0	0	0	0.2	0.55	0.1	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	1.05
G	02/07/2010	0.05	0	0	0	0	0	0.05	0.15	0	0	0.05	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0	0.45	
G	03/07/2010	0	0	0	0.15	0.05	0	0.15	0	0	0	0.05	0.1	0	0.15	0	0.15	0	0	0.15	0	0	0	0.15	0.5	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1.65	
G	04/07/2010	0	0	0	0	0.05	0	0	0	0	0	0.15	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0.45	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.8	
G	05/07/2010	0	0	0.05	0	0	0	0.15	0	0	0.05	0	0	0	0	0.05	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0.4		
G	06/07/2010	0.05	0.1	0	0.05	0	0.15	0.15	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.65	
G	07/07/2010	0	0.2	0	0	0	0	0.15	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0	0.1	0.05	0.55	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1.35			
G	08/07/2010	0	0	0	0	0.05	0	0.15	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0.15	0.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	1.05			
G	09/07/2010	0	0	0.15	0.1	0	0.15	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.55		
G	10/07/2010	0.05	0	0	0	0.05	0	0.15	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0.1	0	0	0.05	0	0	0	0.05	0	0	0.05	0	0	0	0	0	0	0.55		
G	11/07/2010	0	0	0.05	0	0	0	0.2	0	0.2	0	0	0.15	0	0	0	0	0	0	0	0	0.05	0	0.3	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
G	12/07/2010	0.05	0	0	0	0	0.05	0.1	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.35		
G	13/07/2010	0.05	0.15	0	0	0	0.15	0	0.05	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.55		
G	14/07/2010	0	0.15	0	0	0.05	0.1	0.05	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.55				
G	15/07/2010	0	0	0	0	0.2	0	0	0.05	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0.4	
G	16/07/2010	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.25			
G	17/07/2010	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0.2	0.2	0.3	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.9			
G	18/07/2010	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.25			
G	19/07/2010	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0.3	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55			
G	20/07/2010	0	0.05	0	0	0	0	0.15	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0.4			
G	21/07/2010	0	0	0.05	0	0	0	0.2	0	0	0.05	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4			
G	22/07/2010	0.05	0	0	0	0.05	0.15	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0.45			
G	23/07/2010	0	0	0.05	0	0	0.2	0.2	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.05	0	0	0	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0.95			
G	24/07/2010	0.05	0	0	0	0	0.05	0	0	0.15	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.05	0.45					
G	25/07/2010	0	0	0	0	0.05	0	0.15	0.05	0	0	0	0	0	0	0.15	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.5			
G	26/07/2010	0.05	0	0	0	0	0.05	0.15	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.15	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55			
G	27/07/2010	0.05	0	0	0	0	0.2	0.05	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0.15	0	0	0.05	0	0	0.05	0	0	0	0	0	0	0	0	0	0.55				
G	28/07/2010	0.05	0	0	0	0	0.1	0.1	0.15	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.55				
G	29/07/2010	0	0	0	0.05	0	0.1	0.1	0	0.15	0.15	0	0.2	0.4	0.3	0.15	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	1.7				
G	30/07/2010	0	0	0.05	0	0	0	0.2	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0.4				
G	31/07/2010	0	0.05	0	0	0	0.15	0.05	0	0.15	0	0	0	0	0	0.05	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0	0.55				
G	01/08/2010	0	0	0	0	0.05	0	0.2	0	0	0	0	0	0	0.05	0	0.1	0.05	0	0.25	0.35	0	0	0.05	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	1.1				
G	02/08/2010	0	0.05	0	0	0	0.05	0.1	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0.4				
G	03/08/2010	0	0	0	0.05	0	0.1	0.1	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0.4				
G	04/08/2010	0.05	0	0	0	0.2	0	0	0	0.35	0	0	0	0	0.15	0	0	0	0.15	0	0.15	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.5				
G	05/08/2010	0	0	0	0	0.05	0	0.1	0.3	0.2	0	0.15	0	0	0.15	0	0	0.15	0	0	0.15	0.1	0.05	0	0.05	0	0.05	0	0	0	0	0	0	0.05	0	0	0	0	1.3				
G	06/08/2010	0	0.05	0	0	0	0.15	0.15	0.15	0.15	0.1	0.15	0.05	0	0.25	0.2	0.1	0	0.2	0	0.35	0.05	0	0	0.35	0.05	0	0	0	0	0	0	0	0	0	0	0	0	1.95				
G	07/08/2010	0.05	0	0	0	0	0.05	0	0.2	0	0.15	0.2	0	0	0.05	0.1	0.15	0	0.1	0.15	0	0	0	0	0	0.05	0	0	0.05	0	0	0	0	0	0	0	0	0	0.5				
G	08/08/2010	0	0.05	0	0	0	0	0.05	0.15	0.05	0.15	0.05	0.1	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0	1.15				
G	09/08/2010	0	0	0	0	0.05	0	0.15	0	0	0	0	0.05	0	0.3	0.35	0	0	0	0.05	0	0	0.05	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	1				
G	10/08/2010	0	0.05	0	0	0	0.1	0.2	0	0	0																																

SITE	DATE	Time of Day Consumption in m3																								TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00		
G	04/11/2010	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.2	0	0	0	0.05	0	0	0	0.05	0.45		
G	05/11/2010	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0.25	
G	06/11/2010	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0.25	
G	07/11/2010	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.65	0.4	0.2	0.15	0	0	0.05	0	0	0	0	0.05	1.6	
G	08/11/2010	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0.25	
G	09/11/2010	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.2	
G	10/11/2010	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.25	
G	11/11/2010	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.85	0	0	0	0	0.05	0	0	0	0	1.05	
G	12/11/2010	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.25	
G	13/11/2010	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0.05	0	0	0	0	0.2	
G	14/11/2010	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.2	
G	15/11/2010	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.2	
G	16/11/2010	0	0.05	0.05	0.15	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0.45	
G	17/11/2010	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0.25	
G	18/11/2010	0	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0.25	
G	19/11/2010	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.2	0.05	0.85	0.2	0	0	0	0	0	0.05	0	1.45	
G	20/11/2010	0	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0.05	0	0	0	0	0.05	0	0.2	
G	21/11/2010	0	0.05	0	0	0	0	0.05	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0.25	
G	22/11/2010	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0.05	0	0	0	0.25	
G	23/11/2010	0	0.05	0	0	0	0	0.05	0	0	0	0	0	0.05	0.2	0	0	0	0	0.05	0	0	0	0.05	0	0.45	
G	24/11/2010	0	0	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0.5	0.5	0.05	0.05	0	0	0	0	0.05	0	0	1.25	
H	01/01/2010	0	0	0	0.7	0	0	0	0	0	0.55	0.15	0.1	0	0	0	0	0	0	0	0	0	0	0	0	1.5	
H	02/01/2010	0.1	0	0	0	0	0	0	0	0	0.05	0.55	0.05	0	0.05	0.05	0.1	0	0.1	0	0	0	0	0.1	0	1.15	
H	03/01/2010	0	0	0	0.85	0	0	0	0	0	0	0.6	0.05	0	0	0	0	0	0	0.05	0.1	0.05	0.05	0	1	2.75	
H	04/01/2010	0.05	0	0	0	0	0.2	0.05	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.9	0.45	0	0.1	2.25	
H	05/01/2010	0	0	0	0	0	0	0.05	0.6	0	0	0	0	0	0	0	0	0	0	0	0.05	0.2	0	0.7	0	1.6	
H	06/01/2010	0	0	0	0	0	0.2	0.05	0.55	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0	0.15	0	1.05	
H	07/01/2010	0	0	0	0	0	0	0.05	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.05	0.8	1.7
H	08/01/2010	0	0	0	0	0	0	0.05	0.6	0.15	0	0	0	0	0	0	0	0	0.05	0	0.1	0.05	0	0.05	0.05	1.1	
H	09/01/2010	0	0	0	0.1	0	0	0	0	0	0	0	0.7	0	0.05	0	0.1	0	0.1	0	0.1	0.95	0.1	0	0.05	2.25	
H	10/01/2010	0	0.95	0	0	0	0	0	0	0	0	0.2	0.35	0.1	0	0	0	0.1	0	0	0.1	0.05	0.2	0	0.3	2.35	
H	11/01/2010	0	0	0	0	0	0.2	0	0.55	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0.95	1.85	
H	12/01/2010	0	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1	0	0.95	
H	13/01/2010	0	0	0	0	0	0.2	0	0.45	0	0	0	0	0	0	0	0	0	0	0	0.05	0.15	0	0.35	0.3	1.5	
H	14/01/2010	0.05	0	0	0	0	0	0.1	0.5	0	0.2	0.3	0.2	0	0	0	0	0	0	0	0.45	0.65	0.15	0	0.05	2.65	
H	15/01/2010	0	0	0	0	0	0	0.05	0.5	0.1	0	0	0	0	0	0	0.05	0	0.1	0	0.1	0.05	0	0.1	0	1.05	
H	16/01/2010	0	0	0	1.05	0	0	0	0	0	0.55	0.05	0.1	0	0	0.1	0	0.1	0	0	0.15	0	0	0	0.05	2.15	
H	17/01/2010	0	0	0	0	0	0	0	0	0.5	0.1	0	0	0	0	0	0	0	0.15	0	0.05	0.1	0	0	0	0.9	
H	18/01/2010	0	1	0	0	0	0.2	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0.75	0.05	0.05	0	2.65	
H	19/01/2010	0	0	0	0	0	0.05	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0.05	0.1	0.7	0	1.5		
H	20/01/2010	0	0	0	0	0	0.2	0.05	0.6	0	0	0	0	0	0	0	0.05	0	0	0.05	0	0.1	0.1	0	0	1.15	
H	21/01/2010	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0.45	0.5	0.05	0	1.6	
H	22/01/2010	0.8	0	0	0	0	0	0	0.5	0.05	0.15	0	0	0.05	0	0	0	0.05	0.05	0	0.1	0.05	0.1	0.35	0.3	2.55	
H	23/01/2010	0	0	0	0	0	0	0	0	0	0.55	0.05	0	0.05	0	0	0	0	0.05	0.05	0	0.1	0	0	0	0.85	
H	24/01/2010	0.1	0	0	0	0	0	0	0	0	0	0.45	0.05	0.2	0	0	0	0.15	0.1	0	0.05	0.05	0.25	0	0.25	1.65	
H	25/01/2010	0.5	0	0	0	0	0.05	0	0.6	0.1	0	0	0	0	0	0	0.05	0	0	0	0.6	0.35	0.05	0.1	0	2.4	
H	26/01/2010	0	0	0	0	0	0.15	0.05	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.15	0.5	0	1.5	
H	27/01/2010	0	0.05	0	0	0	0	0	0.65	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0.05	0.05	0	0.95	
H	28/01/2010	0	0	0	0	0	0.15	0.45	0.3	0.05	0.4	0.1	0	0	0	0	0	0	0	0	0	0.1	0	0	0.85	2.4	
H	29/01/2010	0	0	0	0	0	0	0.05	0.6	0	0	0	0	0	0	0	0	0	0.45	0.6	0	0	0	0.1	0	1.8	
H	30/01/2010	0	0.3	0.35	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0.1	0	0	0	0	0.05	0	1.5	
H	31/01/2010	0	0	0	0	0	0	0	0	0	0	0.55	0.05	0.05	0	0	0	0	0	0.05	0.05	0.15	0	0	0.25	1.15	
H	01/02/2010	0.85	0	0	0	0	0.2	0.05	0.45	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0.05	0.05	0	1.75	
H	02/02/2010	0	0	0	0	0	0	0	0.6	0.05	0	0	0	0	0	0	0	0	0	0	0	0.5	0.35	0.05	0.8	0	2.35
H	03/02/2010	0	0	0	0	0	0.2	0.05	0.4	0.1	0	0	0	0	0	0	0	0	0	0.05	0.05	0.1	0	0	0	0.05	1
H	04/02/2010	0	0	0	0	0	0	0.05	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.15	0	1.1	0	1.8	
H	05/02/2010	0	0	0	0	0	0	0.05	0.5	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0.05	0	0	0.05	0.75	
H	06/02/2010	0.75	0	0	0	0	0	0	0.65	0	0.15	0.15	0.05	0	0	0.1	0.05	0	0	0	0	0	0	0	0	1.9	
H	07/02/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.05	0.05	0.05	0.4	0.15	0	0.8	
H	08/02/2010	0	0	0	0	0	0.2	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0.85	0.15	0.05	0.05	1.8	
H	09/02/2010	0	0	0	0	0	0	0.05	0.55	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.2	0.5	1.35	
H	10/02/2010	0	0	0	0	0	0.25	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0.05	0	0	1	

SITE	DATE	Time of Day Consumption in m3																								TOTAL
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
H	18/04/2010	0.05	0	0	0	0	0	0	0	0	0.35	0	0	0.05	0	0	0	0.05	0.05	0	0	0.05	0.45	0	1.05	
H	19/04/2010	0	0	0	0	0.15	0.05	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	
H	20/04/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0.05	0.35	0.05	0.35	0.3	1.2	
H	21/04/2010	0	0	0	0	0.15	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.6	0	0	0	0.9	
H	22/04/2010	0	0	0	0	0	0	0.15	0.1	0.4	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.55	1.3	
H	23/04/2010	0	0	0	0	0	0.05	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	
H	24/04/2010	0.05	0.1	0	0	0	0	0	0.05	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.6	
H	25/04/2010	0.05	0	0	0	0	0	0	0.55	0.05	0.05	0	0	0	0.05	0.05	0	0	0	0.05	0.05	0.05	0.6	1.55		
H	26/04/2010	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.75	0	0	0.1	0.9	
H	27/04/2010	0	0	0	0	0	0.15	0.3	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0.1	0.5	1.15		
H	28/04/2010	0	0	0	0	0	0.15	0.5	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.7	
H	29/04/2010	0	0	0	0	0	0	0.15	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.65	0.85		
H	30/04/2010	0	0	0	0	0	0.05	0.45	0	0.05	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0.15	0.8	
H	01/05/2010	0.2	0	0	0	0	0	0	0	0.1	0.4	0	0	0.05	0	0	0	0	0	0.05	0	0.1	0	0	0.9	
H	02/05/2010	0.05	0	0	0	0	0	0.35	0	0.05	0	0.05	0	0	0	0	0	0.05	0	0	0.05	0	0.3	0	0.9	
H	03/05/2010	0	0	0	0	0.1	0.05	0.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	
H	04/05/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
H	05/05/2010	0	0	0	0	0.1	0	0.25	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.4	
H	06/05/2010	0	0	0	0	0	0	0.1	0.05	0.2	0.1	0	0	0	0	0	0	0	0	0.05	0	0	0.6	1.1		
H	07/05/2010	0	0	0	0	0	0	0.15	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.3	0.5	0	1	
H	08/05/2010	0	0	0.85	0	0	0	0	0	0	0.1	0	0.05	0	0	0	0	0	0	0	0.05	0	0	0.05	1.1	
H	09/05/2010	0	0	0	0	0	0	0	0	0.3	0.1	0.05	0	0	0	0.15	0.05	0	0.05	0	0	0.6	0	1.3		
H	10/05/2010	0	0	0	0	0	0.2	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6		
H	11/05/2010	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	0.05	0.65		
H	12/05/2010	0	0	0	0	0.15	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	
H	13/05/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	
H	14/05/2010	0	0	0	0	0	0.05	0.05	0.05	0	0	0	0	0	0	0	0	0.05	0	0.05	0.05	0.5	0.05	0.35	1.7	
H	15/05/2010	0	0	0	0	0	0	0	0.05	0	0	0.2	0.05	0	0.05	0	0	0.05	0	0.05	0	0.05	0	0.05	0.55	
H	16/05/2010	0	0	0	0	0	0	0.35	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.15	0.4	0.95	
H	17/05/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	
H	18/05/2010	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.65	0.05	0.3	0.05	1.1	
H	19/05/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	
H	20/05/2010	0	0	0	0	0	0.05	0	0	0	0.1	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.2	
H	21/05/2010	0	0.05	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.55	
H	22/05/2010	0.1	0	0	0	0	0	0	0	0.1	0.05	0.1	0.25	0	0.05	0	0	0	0	0	0	0	0	0	0.65	
H	23/05/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	24/05/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	0.25	
H	25/05/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	26/05/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.05	
H	27/05/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	28/05/2010	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	
H	29/05/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	30/05/2010	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0.05	0	0	0.1	
H	31/05/2010	0.15	0	0	0	0	0.05	0.3	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.55	
H	01/06/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.3	
H	02/06/2010	0	0	0	0	0.05	0.05	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.35	
H	03/06/2010	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0.2	0	0	0.05	0.4	0.75	
H	04/06/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
H	05/06/2010	0	0	0	0	0	0	0	0.05	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	
H	06/06/2010	0	0	0	0	0	0	0	0	0.15	0	0	0.05	0	0.05	0	0	0	0.05	0	0	0.05	0.35	0	0.7	
H	07/06/2010	0	0	0	0	0	0.15	0.25	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.45	
H	08/06/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.05	0.35	
H	09/06/2010	0	0	0	0	0	0.1	0.05	0.3	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	
H	10/06/2010	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0.05	0	0.35	0.6	
H	11/06/2010	0	0	0	0	0.05	0	0.15	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0.25	
H	12/06/2010	0	0	0	0	0.15	0	0	0	0	0.35	0	0	0	0	0	0.05	0	0	0.05	0	0.05	0	0	0.65	
H	13/06/2010	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
H	14/06/2010	0	0	0	0	0	0.05	0.25	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0.45	
H	15/06/2010	0	0	0	0	0	0	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25	
H	16/06/2010	0.2	0	0	0	0.05	0.1	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0.75	
H	17/06/2010	0	0	0	0	0	0	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0.4	
H	18/06/2010	0	0	0	0	0	0	0.1	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
H	19/06/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.05	
H	20/06/2010	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	

SITE	DATE	Time of Day Consumption in m3																								TOTAL	
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00		
H	21/06/2010	0	0	0	0	0	0.05	0.15	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.25
H	22/06/2010	0	0	0	0	0	0.1	0.05	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2
H	23/06/2010	0	0	0	0	0	0.1	0.15	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3
H	24/06/2010	0	0	0	0	0	0.05	0.05	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0.2
H	25/06/2010	0	0	0	0	0	0	0.2	0	0.05	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.3
H	26/06/2010	0	0	0	0	0	0	0	0	0.2	0	0.05	0	0	0	0.05	0	0	0	0.3	0.2	0.1	0	0	0.05	0.95	
H	27/06/2010	0	0	0	0	0	0	0	0	0	0.3	0	0.05	0	0	0	0	0	0.05	0	0	0.05	0	0	0	0.45	
H	28/06/2010	0	0	0	0	0.3	0	0.25	0.05	0	0.05	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0.85	
H	29/06/2010	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0	0.3	
H	30/06/2010	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.3	
H	01/07/2010	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0.1	0.2	
H	02/07/2010	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	
H	03/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	04/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	05/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	06/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	07/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	08/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	09/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	10/07/2010	0	0.15	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	
H	11/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	12/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	13/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0.1	0	0.2	
H	14/07/2010	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	
H	15/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	16/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	17/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	18/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	19/07/2010	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	
H	20/07/2010	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	
H	21/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	22/07/2010	0	0	0	0	0	0	0.05	0.1	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	
H	23/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0.05	0	0	0	0	0	0.1	
H	24/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	25/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	26/07/2010	0	0	0	0	0	0	0.05	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
H	27/07/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	28/07/2010	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0.15	
H	29/07/2010	0	0	0	0	0	0	0	0	0.1	0.05	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
H	30/07/2010	0	0	0	0	0	0.05	0	0	0	0.05	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
H	31/07/2010	0	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	
H	01/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	02/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	03/08/2010	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.05	0.25	
H	04/08/2010	0	0	0	0	0	0	0.05	0.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	
H	05/08/2010	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	
H	06/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	07/08/2010	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	
H	08/08/2010	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0.05	0	0	0	0	0	0.05	0	0	0	0.2	
H	09/08/2010	0	0	0	0	0.2	0	0.1	0.05	0.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.6	
H	10/08/2010	0	0	0	0	0	0	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.05	
H	11/08/2010	0	0	0	0	0	0	0	0.1	0	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.15	
H	12/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	13/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	14/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	15/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	16/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	17/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	18/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	19/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	20/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	21/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	22/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
H	23/08/2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

SITE	DATE	Time of Day Consumption in m3																										
		1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	TOTAL		
H	27/10/2010	0	0	0	0	0.05	0	0.7	0.05	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0.05	0	0	0.95			
H	28/10/2010	0	0	0	0	0	0.05	0.3	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0.05	0.55			
H	29/10/2010	0	0	0	0	0	0	0.35	0.05	0	0	0	0	0.05	0	0	0	0	0.05	0	0.05	0	0.05	0	0.6			
H	30/10/2010	0	0	0	0	0	0	0	0	0.05	0.5	0.65	0.05	0.05	0	0	0	0	0	0	0	0	0.1	0	1.4			
H	31/10/2010	0	0	0	0	0	0	0	0.85	0.2	0	0	0	0	0	0	0	0.05	0.05	0.1	0.1	0	0	0.05	1.4			
H	01/11/2010	0	0	0	0	0	0.05	0.4	0.1	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0.05	0	0	0.7			
H	02/11/2010	0	0	0	0	0	0.15	0.35	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0.6			
H	03/11/2010	0	0	0	0	0	0	0.45	0.05	0	0	0	0	0	0	0	0	0	0	0	0.3	0	0.05	0	0.9			
H	04/11/2010	0	0	0	0	0	0.15	0.45	0.05	0	0.05	0.3	0	0	0	0	0	0	0	0	0	0	0	0	1.1			
H	05/11/2010	0	0	0	0	0	0	0.4	0.05	0	0.05	0	0	0	0.1	0	0	0.05	0	0	0	0	0	0	0.65			
H	06/11/2010	0	0	0	0	0.6	0	0	0	0	0	0.45	0	0.15	0.1	0	0	0	0	0	0.05	0.1	0	0	1.45			
H	07/11/2010	0	0.05	0	0	0	0	0	0	0	0.1	0.25	0.15	0.1	0	0	0	0.1	0	0.05	0.4	0.2	0.1	0.05	0.65	2.2		
H	08/11/2010	0	0	0	0	0	0	0	0.2	0.05	0	0	0	0	0	0	0	0	0.05	0	0	0.05	0.05	0	0	0.4		
H	09/11/2010	0	0.05	0	0	0	0	0	0.35	0.1	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0.6		
H	10/11/2010	0	0	0	0	0	0	0	0.45	0.05	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0.6		
H	11/11/2010	0	0	0	0	0	0	0	0.25	0.1	0	0	0	0	0	0	0.05	0	0	0	0	0.35	0.05	0	0	0.8		
H	12/11/2010	0	0.05	0	0	0	0	0	0.25	0	0	0.05	0	0	0	0	0	0.05	0	0	0.05	0	0	0.05	0	0.5		
H	13/11/2010	0	0	0	0	0	0	0.4	0	0	0.4	0	0	0	0.05	0.05	0	0	0.05	0	0	0.05	0	0	0.05	1.05		
H	14/11/2010	0	0	0.05	0	0	0	0	0	0	0	0.35	0	0.15	0	0.05	0	0	0	0	0	0	0	0	0	1.3		
H	15/11/2010	0	0	0	0	0	0	0	0.35	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0.05	0.55		
H	16/11/2010	0	0	0	0	0	0	0.1	0.3	0	0	0	0	0	0	0	0	0	0	0	0.05	0.25	0.2	0	0	0.9		
H	17/11/2010	0	0	0	0	0	0.05	0.55	0.4	0.05	0	0	0	0	0	0	0	0	0	0	0.05	0	0.1	0.05	0	1.25		
H	18/11/2010	0	0	0	0	0	0	0.15	0.4	0	0	0.05	0.3	0	0	0	0	0	0	0	0	0	0	0	0	1		
H	19/11/2010	0	0	0	0	0	0	0	0.45	0.05	0	0	0	0	0.05	0	0	0	0	0	0.3	0	0.05	0.1	0	1		
H	20/11/2010	0	0	0	0	0	0	0	0	0	0.45	0.05	0	0	0.05	0	0	0	0	0	0	0	0.05	0.1	0	0.05	0.75	
H	21/11/2010	0	0	0	0	0	0	0	0	0	0.5	0.05	0.1	0	0.15	0.05	0	0	0	0	0	0.05	0.4	0.2	0.05	0.05	0.5	2.1
H	22/11/2010	0	0	0	0	0	0	0.05	0.3	0.05	0	0	0	0	0	0	0	0	0.05	0	0.05	0	0.05	0	0.05	0	0.6	
H	23/11/2010	0	0	0	0	0	0.05	0.15	0.45	0.05	0	0	0	0	0	0	0	0	0	0	0	0.05	0	0	0.05	0	0.8	
H	24/11/2010	0	0	0	0	0	0.05	0.15	0.7	0.05	0	0	0	0	0	0	0	0	0	0	0	0.1	0	0	0.1	0.05	1.2	

APPENDIX B
SAMPLE CALCULATIONS (NATURAL GAS)

**SUMMARY OF PROJECTED SAVINGS
NATURAL GAS USED FOR HOT WATER HEATING AND SOLAR DOMESTIC HOT WATER**

Projected Savings (Nominal)																
Year	Forecast 1 (NRCAN)								Forecast 2 (EIA)							
	Scenario A		Scenario B		Scenario C		Scenario D		Scenario A		Scenario B		Scenario C		Scenario D	
	Average	High	Average	High	Average	High	Average	High	Average	High	Average	High	Average	High	Average	High
2009	\$104.81	\$125.82	\$105.01	\$125.82	\$105.01	\$125.82	\$105.01	\$125.82	\$104.81	\$125.82	\$104.81	\$125.82	\$104.81	\$125.82	\$104.83	\$169.06
2010	\$113.44	\$136.18	\$112.15	\$135.11	\$112.15	\$135.11	\$112.15	\$135.11	\$133.96	\$160.81	\$126.52	\$154.68	\$126.52	\$154.68	\$118.05	\$192.88
2011	\$129.47	\$155.42	\$124.58	\$151.33	\$124.58	\$151.33	\$124.58	\$151.33	\$147.58	\$177.16	\$136.65	\$168.49	\$136.65	\$168.49	\$124.99	\$205.12
2012	\$140.57	\$168.74	\$133.09	\$162.78	\$133.09	\$162.78	\$133.09	\$162.78	\$149.12	\$179.01	\$138.42	\$170.41	\$138.42	\$170.41	\$126.88	\$208.11
2013	\$150.43	\$180.58	\$144.73	\$178.46	\$142.75	\$175.52	\$146.16	\$180.77	\$150.63	\$180.83	\$138.82	\$171.43	\$141.89	\$174.94	\$145.75	\$180.54
2014	\$160.29	\$192.42	\$156.07	\$193.92	\$150.29	\$185.56	\$157.77	\$196.35	\$157.84	\$189.48	\$142.94	\$177.57	\$147.82	\$182.49	\$155.21	\$193.13
2015	\$168.93	\$202.78	\$166.24	\$207.89	\$157.37	\$194.84	\$168.10	\$210.42	\$163.39	\$196.14	\$146.01	\$182.26	\$152.49	\$188.55	\$163.30	\$204.17
2016	\$175.09	\$210.19	\$174.89	\$219.40	\$162.38	\$201.44	\$177.09	\$222.00	\$166.62	\$200.02	\$147.84	\$184.87	\$155.52	\$192.30	\$169.89	\$213.53
2017	\$184.96	\$222.03	\$185.98	\$234.51	\$170.13	\$211.35	\$187.52	\$237.23	\$171.02	\$205.29	\$150.23	\$188.81	\$159.49	\$197.12	\$177.42	\$223.31
2018	\$191.12	\$229.43	\$190.79	\$240.75	\$175.05	\$218.21	\$192.55	\$243.56	\$176.13	\$211.43	\$154.62	\$194.35	\$163.70	\$202.78	\$181.82	\$228.89
2019	\$197.29	\$236.83	\$195.50	\$247.05	\$180.41	\$224.74	\$197.62	\$249.96	\$183.30	\$220.04	\$160.10	\$201.62	\$169.30	\$210.47	\$187.37	\$236.13
2020	\$203.45	\$244.23	\$200.71	\$253.93	\$185.29	\$231.35	\$202.73	\$256.42	\$190.00	\$228.09	\$165.76	\$208.67	\$175.14	\$217.61	\$192.73	\$243.20
2021	\$209.62	\$251.63	\$205.81	\$260.39	\$190.35	\$238.06	\$207.58	\$262.97	\$199.61	\$239.62	\$172.95	\$218.43	\$182.39	\$227.31	\$199.95	\$252.91
2022	\$221.95	\$266.43	\$214.68	\$272.34	\$199.69	\$250.10	\$216.78	\$275.62	\$204.74	\$245.78	\$177.24	\$223.82	\$187.03	\$232.94	\$204.26	\$258.84
2023	\$228.11	\$273.83	\$219.90	\$278.46	\$204.86	\$257.05	\$221.72	\$281.82	\$207.72	\$249.35	\$180.39	\$227.47	\$189.77	\$236.51	\$207.54	\$262.10
2024	\$240.44	\$288.63	\$228.71	\$294.30	\$213.97	\$269.51	\$231.10	\$294.30	\$214.33	\$257.29	\$185.54	\$234.30	\$195.41	\$243.54	\$212.66	\$269.48
2025	\$246.61	\$296.04	\$233.69	\$297.03	\$219.38	\$276.19	\$236.14	\$300.67	\$223.80	\$268.66	\$193.11	\$243.88	\$202.84	\$253.70	\$220.30	\$279.05
2026	\$252.77	\$303.44	\$238.71	\$303.96	\$224.38	\$282.39	\$241.22	\$307.10	\$232.99	\$279.69	\$199.95	\$253.41	\$209.88	\$262.87	\$227.10	\$288.05
2027	\$265.10	\$318.24	\$247.83	\$315.53	\$233.64	\$294.82	\$250.46	\$319.44	\$245.82	\$295.09	\$209.75	\$265.74	\$219.43	\$275.73	\$236.65	\$300.85
2028	\$271.27	\$325.64	\$252.95	\$322.66	\$238.74	\$301.78	\$255.65	\$326.04	\$259.31	\$311.29	\$219.60	\$279.15	\$229.41	\$289.21	\$246.37	\$314.24
Total	\$3,856	\$4,629	\$3,732	\$4,692	\$3,523	\$4,388	\$3,765	\$4,740	\$3,683	\$4,421	\$3,251	\$4,075	\$3,388	\$4,207	\$3,603	\$4,724

Projected Savings (\$2009)																
Year	Forecast 1 (NRCAN)								Forecast 2 (EIA)							
	Scenario A		Scenario B		Scenario C		Scenario D		Scenario A		Scenario B		Scenario C		Scenario D	
	Average	High	Average	High	Average	High	Average	High	Average	High	Average	High	Average	High	Average	High
2009	\$104.81	\$125.82	\$105.01	\$125.82	\$105.01	\$125.82	\$105.01	\$125.82	\$104.81	\$125.82	\$104.81	\$125.82	\$104.81	\$125.82	\$104.83	\$169.06
2010	\$111.22	\$133.51	\$109.95	\$132.46	\$109.95	\$132.46	\$109.95	\$132.46	\$131.33	\$157.65	\$124.04	\$151.65	\$124.04	\$151.65	\$115.73	\$189.09
2011	\$124.44	\$149.38	\$119.74	\$145.45	\$119.74	\$145.45	\$119.74	\$145.45	\$141.85	\$170.28	\$131.34	\$161.95	\$131.34	\$161.95	\$120.14	\$197.15
2012	\$132.46	\$159.01	\$125.41	\$153.40	\$125.41	\$153.40	\$125.41	\$153.40	\$140.52	\$168.69	\$130.44	\$160.58	\$130.44	\$160.58	\$119.56	\$196.10
2013	\$138.97	\$166.83	\$133.71	\$164.87	\$131.87	\$162.15	\$135.03	\$167.00	\$139.16	\$167.06	\$128.25	\$158.37	\$131.09	\$161.62	\$134.65	\$166.80
2014	\$145.18	\$174.28	\$141.36	\$175.64	\$136.12	\$168.06	\$142.90	\$177.84	\$142.96	\$171.62	\$129.47	\$160.83	\$133.89	\$165.28	\$140.58	\$174.92
2015	\$150.00	\$180.07	\$147.61	\$184.60	\$139.74	\$173.01	\$149.27	\$186.85	\$145.09	\$174.17	\$129.65	\$161.84	\$135.40	\$167.43	\$145.01	\$181.30
2016	\$152.43	\$182.98	\$152.25	\$191.00	\$141.36	\$175.37	\$154.17	\$193.26	\$145.05	\$174.13	\$128.70	\$160.94	\$135.39	\$167.41	\$147.90	\$185.89
2017	\$157.86	\$189.50	\$158.73	\$200.15	\$145.20	\$180.39	\$160.05	\$202.47	\$145.96	\$175.22	\$128.22	\$161.15	\$136.13	\$168.24	\$151.42	\$190.59
2018	\$159.92	\$191.97	\$159.64	\$201.45	\$146.47	\$182.59	\$161.12	\$203.80	\$147.38	\$176.92	\$129.38	\$162.62	\$136.98	\$169.68	\$152.14	\$191.53
2019	\$161.84	\$194.28	\$160.38	\$202.67	\$148.00	\$184.36	\$162.12	\$205.05	\$150.37	\$180.51	\$131.34	\$165.40	\$138.89	\$172.66	\$153.71	\$193.70
2020	\$163.63	\$196.42	\$161.43	\$204.22	\$149.02	\$186.07	\$163.05	\$206.23	\$152.81	\$183.44	\$133.31	\$167.83	\$140.86	\$175.02	\$155.00	\$195.59
2021	\$165.28	\$198.41	\$162.28	\$205.31	\$150.09	\$187.71	\$163.68	\$207.35	\$157.39	\$188.94	\$136.37	\$172.23	\$143.81	\$179.23	\$157.66	\$199.42
2022	\$171.57	\$205.96	\$165.96	\$210.53	\$154.36	\$193.33	\$167.58	\$213.06	\$158.27	\$190.00	\$137.01	\$173.02	\$144.58	\$180.07	\$157.90	\$200.09
2023	\$172.88	\$207.53	\$166.65	\$211.04	\$155.26	\$194.81	\$168.04	\$213.59	\$157.42	\$188.98	\$136.71	\$172.39	\$143.82	\$179.25	\$157.29	\$198.64
2024	\$178.65	\$214.46	\$169.94	\$216.03	\$158.98	\$200.25	\$171.71	\$218.67	\$159.25	\$191.17	\$137.86	\$174.09	\$145.19	\$180.95	\$158.01	\$200.22
2025	\$179.64	\$215.65	\$170.23	\$216.37	\$159.81	\$201.19	\$172.01	\$219.02	\$163.03	\$195.70	\$140.67	\$177.66	\$147.75	\$184.80	\$160.48	\$203.27
2026	\$180.52	\$216.70	\$170.47	\$217.08	\$160.25	\$201.67	\$172.27	\$219.32	\$166.39	\$199.74	\$142.80	\$180.97	\$149.89	\$187.73	\$162.18	\$205.71
2027	\$185.61	\$222.82	\$173.52	\$223.66	\$163.59	\$206.42	\$175.36	\$223.66	\$172.11	\$206.61	\$146.86	\$186.06	\$153.64	\$193.05	\$165.69	\$210.64
2028	\$186.21	\$223.53	\$173.64	\$221.48	\$163.88	\$207.15	\$175.48	\$223.80	\$178.00	\$213.68	\$150.74	\$191.62	\$157.48	\$198.52	\$169.11	\$215.71
Total	\$3,123	\$3,749	\$3,028	\$3,800	\$2,864	\$3,562	\$3,054	\$3,838	\$2,999	\$3,600	\$2,658	\$3,327	\$2,765	\$3,431	\$2,929	\$3,865

APPENDIX C
SAMPLE CALCULATIONS (ELECTRICITY)

SAMPLE CALCULATION SHEET FOR ELECTRICITY CONSUMPTION BY CONVENTIONAL AND SDHW SYSTEMS

TOU Costs \$/kWh		Estimated Electricity Consumption (TOU Billing) (%) for Hot Water		Monthly Electricity Costs (Excl. taxes, fees, etc.)		
		Summer	Winter	Half Summer	Half Winter	Total
On-Peak	\$ 0.099	0.240	0.530	\$ 2.80	\$ 6.19	
Mid-Peak	\$ 0.081	0.510	0.250	\$ 4.87	\$ 2.39	
Off-Peak	\$ 0.051	0.250	0.220	\$ 1.50	\$ 1.32	
		1.000	1.000	\$ 9.18	\$ 9.90	\$ 19.09

Fees and Charges*			Adjusted	Monthly Total
Transmission	0.0109 \$/kWh		\$ 2.66	
Delivery	0.0206 \$/kWh		\$ 5.03	
Fixed Charges	\$ 10.20 Monthly	EXCLUDED	\$ -	
Low Voltage Service Charge	0.0002 \$/kWh		\$ 0.05	
Regulatory	0.006873 \$/kWh		\$ 1.68	
Debt Retirement	0.00694 \$/kWh		\$ 1.64	
HST	13%		\$ 3.92	
Adjusted Consumption Factor	1.0344			
		Annual Total	\$ 408.71	

Weekdays 20 30.44 days per month
 Weekend-days 52 4.35 weeks per month
 30.44 Weekdays per month
 0.00 Weekend days per month
Hot Water Consumption: 2830 kWh/year from natural gas monitoring data & RETScreen
 7.75 kWh/day
 235.99 kWh/month

* As applied by Local Distribution Company (LDC) - Hydro Ottawa

29% Estimate monthly electrical usage for hot water heating.

Year	Average Hot Water Demand Conditions (kWh)						High Hot Water Demand Conditions (kWh)					
	Scenario A		Scenario B		Scenario C		Scenario A		Scenario B		Scenario C	
	Conventional	SDHW	Conventional	SDHW	Conventional	SDHW	Conventional	SDHW	Conventional	SDHW	Conventional	SDHW
2009	2,830	720.8	2,830	720.8	2,830	720.8	4,119	1,595	4,119	1,595	4,119	1,595
2010	2,830	720.8	2,730	668.4	2,730	668.4	4,119	1,595	3,974	1,482	3,974	1,482
2011	2,830	720.8	2,669	636.9	2,669	636.9	4,119	1,595	3,884	1,415	3,884	1,415
2012	2,830	720.8	2,609	606.5	2,609	606.5	4,119	1,595	3,797	1,356	3,797	1,356
2013	2,830	720.8	2,524	562.0	2,506	557.2	4,119	1,595	3,673	1,262	3,648	1,248
2014	2,830	720.8	2,514	557.2	2,497	552.3	4,119	1,595	3,660	1,255	3,635	1,234
2015	2,830	720.8	2,506	557.2	2,489	547.6	4,119	1,595	3,648	1,248	3,623	1,227
2016	2,830	720.8	2,499	552.3	2,481	543.0	4,119	1,595	3,637	1,241	3,612	1,220
2017	2,830	720.8	2,492	547.6	2,474	538.5	4,119	1,595	3,627	1,234	3,602	1,234
2018	2,830	720.8	2,443	524.9	2,427	524.9	4,119	1,595	3,556	1,185	3,532	1,164
2019	2,830	720.8	2,465	538.5	2,448	529.4	4,119	1,595	3,588	1,206	3,564	1,185
2020	2,830	720.8	2,414	511.8	2,398	507.6	4,119	1,595	3,514	1,150	3,490	1,136
2021	2,830	720.8	2,411	511.8	2,395	503.3	4,119	1,595	3,509	1,150	3,485	1,136
2022	2,830	720.8	2,392	503.3	2,375	499.0	4,119	1,595	3,481	1,129	3,457	1,115
2023	2,830	720.8	2,422	516.2	2,405	511.8	4,119	1,595	3,525	1,157	3,500	1,143
2024	2,830	720.8	2,436	524.9	2,419	516.2	4,119	1,595	3,545	1,178	3,521	1,157
2025	2,830	720.8	2,444	524.9	2,427	524.9	4,119	1,595	3,557	1,185	3,532	1,164
2026	2,830	720.8	2,475	538.5	2,458	533.9	4,119	1,595	3,602	1,213	3,577	1,199
2027	2,830	720.8	2,479	543.0	2,462	533.9	4,119	1,595	3,608	1,220	3,583	1,199
2028	2,830	720.8	2,487	547.6	2,469	538.5	4,119	1,595	3,619	1,227	3,594	1,206

**SUMMARY OF PROJECTED SAVINGS
ELECTRICITY USED FOR HOT WATER HEATING AND SOLAR DOMESTIC HOT WATER**

		Projected Savings (Nominal)					
		Scenario A		Scenario B		Scenario C	
Year		Average	High	Average	High	Average	High
1	2009	\$ 305	\$ 365	\$ 305	\$ 365	\$ 305	\$ 365
2	2010	\$ 347	\$ 416	\$ 298	\$ 360	\$ 298	\$ 360
3	2011	\$ 381	\$ 456	\$ 293	\$ 357	\$ 293	\$ 357
4	2012	\$ 417	\$ 499	\$ 289	\$ 353	\$ 289	\$ 353
5	2013	\$ 472	\$ 565	\$ 283	\$ 348	\$ 286	\$ 353
6	2014	\$ 487	\$ 583	\$ 283	\$ 347	\$ 286	\$ 353
7	2015	\$ 503	\$ 601	\$ 281	\$ 347	\$ 285	\$ 352
8	2016	\$ 518	\$ 620	\$ 281	\$ 346	\$ 285	\$ 352
9	2017	\$ 533	\$ 638	\$ 281	\$ 346	\$ 285	\$ 348
10	2018	\$ 579	\$ 693	\$ 277	\$ 343	\$ 280	\$ 348
11	2019	\$ 573	\$ 685	\$ 278	\$ 344	\$ 282	\$ 350
12	2020	\$ 624	\$ 747	\$ 275	\$ 341	\$ 278	\$ 346
13	2021	\$ 640	\$ 765	\$ 274	\$ 341	\$ 278	\$ 345
14	2022	\$ 670	\$ 802	\$ 273	\$ 340	\$ 276	\$ 344
15	2023	\$ 655	\$ 784	\$ 275	\$ 342	\$ 278	\$ 347
16	2024	\$ 655	\$ 784	\$ 276	\$ 342	\$ 280	\$ 348
17	2025	\$ 661	\$ 791	\$ 277	\$ 343	\$ 280	\$ 348
18	2026	\$ 646	\$ 773	\$ 280	\$ 345	\$ 283	\$ 350
19	2027	\$ 655	\$ 784	\$ 280	\$ 345	\$ 283	\$ 350
20	2028	\$ 661	\$ 791	\$ 280	\$ 346	\$ 284	\$ 351

Total Conventional (incl. taxes)	\$14,734	\$21,445	\$7,256	\$10,561	\$7,317	\$10,649
Total SDHW (incl. taxes)	\$3,753	\$8,304	\$1,617	\$3,623	\$1,624	\$3,632
Net Savings (incl. taxes)	\$10,981	\$13,141	\$5,639	\$6,938	\$5,693	\$7,017

		Projected Savings (\$2009)					
		Scenario A		Scenario B		Scenario C	
Year		Average	High	Average	High	Average	High
1	2009	\$ 305	\$ 365	\$ 305	\$ 365	\$ 305	\$ 365
2	2010	\$ 340	\$ 407	\$ 292	\$ 353	\$ 292	\$ 353
3	2011	\$ 366	\$ 438	\$ 282	\$ 343	\$ 282	\$ 343
4	2012	\$ 393	\$ 471	\$ 273	\$ 332	\$ 273	\$ 332
5	2013	\$ 436	\$ 522	\$ 262	\$ 322	\$ 265	\$ 326
6	2014	\$ 441	\$ 528	\$ 256	\$ 315	\$ 259	\$ 320
7	2015	\$ 446	\$ 534	\$ 250	\$ 308	\$ 253	\$ 313
8	2016	\$ 451	\$ 539	\$ 245	\$ 301	\$ 248	\$ 306
9	2017	\$ 455	\$ 544	\$ 240	\$ 295	\$ 243	\$ 297
10	2018	\$ 484	\$ 580	\$ 232	\$ 287	\$ 234	\$ 291
11	2019	\$ 470	\$ 562	\$ 228	\$ 282	\$ 231	\$ 287
12	2020	\$ 502	\$ 601	\$ 221	\$ 275	\$ 223	\$ 278
13	2021	\$ 504	\$ 604	\$ 216	\$ 269	\$ 219	\$ 272
14	2022	\$ 518	\$ 620	\$ 211	\$ 263	\$ 213	\$ 266
15	2023	\$ 496	\$ 594	\$ 209	\$ 259	\$ 211	\$ 263
16	2024	\$ 487	\$ 582	\$ 205	\$ 254	\$ 208	\$ 258
17	2025	\$ 482	\$ 576	\$ 202	\$ 250	\$ 204	\$ 254
18	2026	\$ 461	\$ 552	\$ 200	\$ 246	\$ 202	\$ 250
19	2027	\$ 459	\$ 549	\$ 196	\$ 241	\$ 198	\$ 245
20	2028	\$ 454	\$ 543	\$ 192	\$ 237	\$ 195	\$ 241

Net Savings (incl. taxes)	\$ 8,951	\$ 10,711	\$ 4,715	\$ 5,795	\$ 4,757	\$ 5,859
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